

SEC. 12. He shall keep clear, methodical accounts of all purchases, and of all sales of the produce of the farm, and of any other articles sold, and of all receipts and expenditures of money. He shall, when required, submit his account books and his recent vouchers to the board or its finance committee; and he shall furnish quarterly abstracts of the same to the board at its regular quarterly meetings.

SEC. 13. He shall keep accounts with the resident officers and pay their salaries quarterly; and he shall keep accounts with all the employes of the hospital of every class, and settle with and pay them monthly.

SEC. 14. He shall open an account current with the farm, charging it with all expenditures on its account and crediting it with all products, whether used or sold; and at the close of each year he shall furnish the board with an abstract of such account.

SEC. 15. He shall constantly observe the conduct of persons employed in subordinate positions, see that in all respects they do their duty; and report immediately to the superintendent any instance of negligence, misconduct, or abuse that he may observe, or that may come to his knowledge. He shall assist the superintendent in maintaining the police of the establishment, and in such other ways as he may direct, in promotion of the general interests of the hospital.

SEC. 16. He shall execute a bond, with sufficient sureties, to be approved by the board of trustees, in the penal sum of ten thousand dollars, conditioned that he will faithfully discharge the duties of his office, and pay over and account for, to the proper officer or officers, all moneys that may come into his hands belonging to the hospital; which bond shall be filed with the superintendent for safe keeping.

SEC. 17. It shall be the duty of the steward to furnish the board, biennially, a complete inventory of all the property belonging to the hospital and farm; this inventory to be made at the annual meeting preceding the regular meeting of the legislature.

FOURTH BIENNIAL REPORT

OF THE

TRUSTEES, SUPERINTENDENT, STEWARD AND TREASURER

OF THE

IOWA HOSPITAL FOR THE INSANE,

AT

INDEPENDENCE,

FOR THE FISCAL YEARS OF 1878 AND 1879.

[PRINTED BY ORDER OF THE GENERAL ASSEMBLY.]

DES MOINES:
F. M. MILLS, STATE PRINTER.
1879.

To HIS EXCELLENCY, JOHN H. GEAR, *Governor of Iowa*:

Sir—We transmit, herewith, the Fourth Biennial Report of the Trustees of the Iowa Hospital for the Insane, at Independence.

ERASTUS G. MORGAN,
LEWIS H. SMITH,
DAVID HAMMER,
S. E. ROBINSON,
JOHN G. HOUSE,

Trustees.

Independence, Iowa, October 2, 1879.

OFFICERS OF THE HOSPITAL.

BOARD OF TRUSTEES.

ERASTUS G. MORGAN, *President*.....FORT DODGE.
JOHN G. HOUSE, *Secretary*.....INDEPENDENCE.
STEPHEN E. ROBINSON.....WEST UNION.
DAVID HAMMER.....MCGREGOR.
LEWIS H. SMITH.....ALGONA.

TREASURER.

WILLIAM G. DONNAN.....INDEPENDENCE.

RESIDENT OFFICERS.

ALBERT REYNOLDS, M. D.....SUPERINTENDENT.
GERSHOM H. HILL, M. D.....FIRST ASSISTANT.
HENRY G. BRAINERD, M. D.....SECOND ASSISTANT.
NOYES APPELMAN.....STEWARD.
Mrs. LUCY M. GRAY.....MATRON.

REPORT.

THE Trustees herewith transmit to the Governor their biennial report, together with those of the Superintendent, Treasurer, and Steward.

By the blessing of Providence the institution has been preserved from all the destructive elements and sweeping epidemics, and still continues its prosperous career, with what we believe to be a competent and efficient corps of resident officers.

There were, at the date of the last report, 322 patients remaining in the Hospital. There have since been admitted, from all sources, 539; discharged, 411; died, 72. Remaining, September 30, 1879: males, 227; females, 223; total, 450.

Four new wards have been completed in the south wing capable of accommodating seventy-five patients, so that our facilities for the care of this unfortunate class of humanity have about kept pace with the increase of admissions. For an account of the movement of the population of the Hospital, we respectfully refer you to the report of the Superintendent.

Two more sections of the south wing are now being inclosed, and are awaiting an appropriation by the legislature for their completion. There remain two more sections to be built, in order to complete the whole building, with the exception of the portico.

The amount of moneys received from all sources within the biennial period for defraying expenses, as shown by the Steward's report, is:

Balance on hand October 1, 1877.....	\$ 3,061.09
Drawn from the State Treasury.....	119,164.01
Received from all other sources.....	3,871.31
Requisition in hands of the Treasurer on the Auditor of State to meet the deficiency for the quarter ending Sept. 30, 1879.....	13,060.00
Total.....	\$ 139,096.41

The amount of the current expenses of the institution for the period is.....\$129,771.55
 Leaving a balance in the hands of the Treasurer, after paying all vouchers to date, of.....\$ 9,324.86

For a full exhibit of expenses, we refer you to the report of the Steward for statement of moneys paid out, and for what they were paid; also, to the Treasurer's abstract, both of which are hereto annexed.

Dr. Albert Reynolds's first term of office as Superintendent expired on the first day of February, 1878. The position he had filled to the entire satisfaction of all. He was, the refore, atthe preceding annual meeting, unanimously re-elected.

Soon after the date of our last report, it became necessary to add to our medical staff a second assistant physician. The Board elected Henry G. Brainerd, M. D., who has performed the duties of the position with marked ability, and added much to the efficient care of the patients. Mr. Noyes Appelman was elected Steward in place of Mr. G. B. Smeallie, whose term of office expired at the end of the last biennial period. Mr. Appelman is doing good service in the responsible position he occupies.

On the recommendation of the Superintendent and engineer, the draught of the furnaces was, last year, changed from a downward direction into the smoke-stack to a more direct and horizontal one, and each furnace has an independent flue for conducting its smoke into the main chimney. These changes have much improved the draught and effected a great saving of fuel. The expense of the work was \$417.98, and paid out of the contingent fund.

In our last report we recommended an appropriation for constructing a reservoir for surplus water to be kept for use in the event of a drouth or a fire. The necessity is now much greater, and we respectfully renew the recommendation. During the present season our supply of water has been so much abridged that it seemed an absolute necessity that some means for increasing the quantity should be devised. Accordingly, after much deliberation, the Trustees decided to sink a well ten feet in diameter, and at least fifty feet in depth. After sinking the brick wall, which was one foot in thickness, through clay and quicksand, thirty feet, it was found that, if an attempt should be made to sink it lower, this wall or curbing would be inadequate to withstand the pressure of the quicksand; we, therefore, abandoned the

project of sinking the wall lower, and decided to bore in the bottom of the well. This we have done, and bored ninety-five feet through clay and fifteen feet into lime rock, without finding much water. This has exhausted the contingent fund, and we have no means at hand for the further prosecution of this work.

This institution now requires fifteen hundred barrels of water per day for the health and comfort of the patients, and the amount needed increases each year; and the proper means of furnishing the same is most earnestly urged upon the legislature.

Three of the boilers, having been in use six years, had become defective and dangerous for further use. These have been thoroughly repaired, at an expense of about \$1,200, which has been paid for out of the current expense fund, the contingent fund having already been exhausted.

It is thought they will be effective and safe for one or two years longer, when they must be replaced by new ones. As this work must be done in the summer, before another session of the legislature, we would ask an appropriation for this purpose.

The Seventeenth General Assembly appropriated five hundred dollars for the purpose of grading a road on the south side of the Hospital farm to the B., C. R. & N. R. R. On account of the impracticability of building the road and connecting with the railroad at that place, this sum is not expended. We respectfully ask that this sum may be expended on the road east of the Hospital leading out to the main road to Independence, where it is greatly needed for grading and bridging.

The Seventeenth General Assembly reduced the price for care and board of patients from a maximum of twenty to sixteen dollars per month. The Trustees, at the quarterly meeting, June 6, 1878, finding this amount more than sufficient, reduced the price to twelve dollars. At the annual meeting, October 4, 1878, on account of the necessary increase of expenses for the winter months, it was restored to sixteen dollars. On April 3, 1879, it was fixed at twelve dollars, and finally at the meeting held July 3, 1879, it was reduced to ten dollars per month, where it now remains.

In our last report we called attention to the subject of insane convicts, and others, who in an insane paroxysm have committed murder and other high crimes. These have been sent here, from jails and other places of confinement, for custody and treatment. All such persons are extremely objectionable in the ordinary wards of a hospital,

usually profane and vulgar, if not demented, corrupting the morals of others, and are constantly annoying the officers and attendants by attempts, often successful, to escape. We think it would be humane, as well as economical, to provide at once a separate ward for such persons, attached to the Additional Penitentiary, at Anamosa. For further remarks on this subject, we refer you to the report of the Superintendent.

We would further state that we believe it to be good policy to build the two remaining sections of the south wing without delay, in order to accommodate the increasing number of patients in the northern district of the state, who are accumulating and awaiting its completion for admission. We also recommend the completion and furnishing the new sections now being inclosed, without delay.

It now remains to summarize the wants of the institution:

1st. An appropriation for three new boilers, to replace the old, \$4,500.

2d. For constructing a reservoir, \$6,500.

3d. For the purpose of continuing the boring of an artesian well, already commenced, \$1,000.

4th. For extending the main sewer fifteen hundred feet, \$1,800.

5th. For plastering the ceilings of the basement and attics for greater safety against fires, \$1,000.

6th. For the purchase of a steam mangle and centrifugal wringer, now absolutely necessary for the laundry, we respectfully ask an appropriation of \$800.

SUPERINTENDENT'S REPORT.

To the Honorable Board of Trustees of the Iowa Hospital for the Insane at Independence.

GENTLEMEN—It is with feelings of pleasure, and gratitude, that I present the Fourth Biennial Report of this Hospital. Gratitude to Providence for the moderate amount of success that has attended our efforts, and pleasure when I recall the many acts of kindness, and words of commendation, from yourselves. I can conceive of no official position requiring more external support, and forbearance, than that of superintendent of a hospital for the insane; and I know of none more likely to be misunderstood or maligned. So much obscurity and mystery, in the public estimation, hang about the insane, that it is no wonder a hospital filled with them should be the subject of much comment by those who know a little of it, and afford the press a never ceasing theme for gossip, and suggestive investigations.

There were in Hospital, at the beginning of this biennial period, 165 men and 157 women, a total of 322. There are at this date 227 men and 223 women. The changes have been as follows: 539 have been admitted, 411 have been discharged, and 72 have died. Fifty-two of those admitted were transferred from Mt. Pleasant. Since the last biennial report, the counties of Clinton, Greene, Carroll, Crawford, and Monona have been added to the territory sending patients to this Hospital, the transfers from Mt. Pleasant being nearly all from those counties.

Of those discharged, 90 were recovered, 164 were improved, and 85 were unimproved. The most of the latter were transferred to almshouses, in order to make room for more needy, troublesome, or hopeful cases. The transfer of incurable patients to an almshouse is always unpleasant, but when the Hospital is full it becomes an imperative necessity. The question of providing suitable state buildings for the

chronic insane, in this state, cannot longer be put off, if we would do even bare justice to that unfortunate class. The idea, which has prevailed so extensively in this country for the last forty years, that the insane must be kept in large, strong buildings, is not an evidence of growing intelligence or humanity, but a relic of the old idea that the insane must be treated as malefactors and felons. There are probably fifteen hundred insane in the state. Twelve hundred of that number need the care of a public institution, need to be wards of the state. Eighty per cent can be as safely and comfortably cared for in buildings suitable for the average citizen. There is a good deal of foolish sentimentality written about surrounding the insane with the beautiful in nature and art. The comforts and necessities of life they should have in unstinted measure; but further than this, nine-tenths of them know little, and care less. Good food, comfortable, plain lodgings, clean, strong clothing, and kind attention make up the sum of their necessities, and generally fill their measure of happiness. It is no doubt gratifying to the feelings of friends to provide bountifully for their unfortunate kindred, but when the insane become state or county charges, it becomes a question of providing for all, with such liberality as may be for their best interests, with due regard to the rights of the taxpayer. The efficiency of the existing Hospitals for the insane, in this state, as curative institutions, would be greatly increased if a certain class of incurables could be removed, each year. A state Hospital suitable for the chronic insane, located with reference to convenience of transportation, water, and drainage, would seem to be imperatively demanded.

SUICIDES.—It is our misfortune to have to report among the cases of deaths, two suicides. For nearly six years from the opening of the Hospital, we were exempt from that accident. Of the 1,433 patients admitted, 169 had attempted suicide before admission, and in the case of 237 others the tendency was active, as manifested by threatening, and in some cases making elaborate preparations. It will be seen that 28 per cent of those under treatment were liable, under favoring circumstances, to destroy themselves. Add to this the many in whom the suicidal tendency is frequently temporarily active, but which is not a matter of record, and one may have some conception of the danger resulting from this tendency.

One of the cases was a patient suffering from phthisis pulmonalis, who had been insane six months before admission, November, 1878.

After being under observation two months, sleeping in an associate dormitory, her health gradually failing, she was allowed to occupy a single room, partly because her feeble condition made it desirable that she be allowed to lie down a part of each day; and partly because her cough seemed annoying to other patients. Nearly two months after she had first occupied a single room, she was found one morning suspended from the inside guard of the window by a loop made from her pillow-slip.

The next was a patient recently admitted, who had "meditated hanging," but made no demonstration; and the suicidal tendency did not seem active. On the contrary, she was fearful she would not get well. On the morning of her death, the attendant called her at the usual time, found she was awake, bade her good morning, gave her her clothing, and left her with the room door partially open. On returning, in about twenty minutes, to call her to breakfast, she found her lying at the foot of the bed, with her neck in a loop made with her stocking and handkerchief tied to the bedstead, her neck broken. In both cases, the coroner was called, and the jury gave the usual verdict. It is hard to see how any ordinary foresight could have prevented either of these accidents.

ELOPEMENTS.—Since the opening of this Hospital there have been twenty-three elopements or escapes, all by male patients. Frequent attempts are made by both sexes, but fortunately no female patient has succeeded. Of those who succeeded, two, both harmless and incurable, have never been heard from; eight, belonging to the same class, remained at home for more than a year, then, becoming worse, were sent back, and still remain here. One, an epileptic, succeeded in getting to Illinois, where he belonged. Three others had been discharged as harmless and incurable and were waiting removal by the county authorities. Four were so nearly recovered that they were allowed a good deal of liberty. Another went to his home, and though harmless was returned by the authorities, and was soon after discharged. One escaped in the night by breaking the iron guard of the window, but returned in the morning for his clothes.

The liability to escapes will be evident in view of the following facts: Ninety per cent of the patients go out of doors a part of each pleasant day. An average of forty are employed in various capacities, on the farm and garden, and in the carpenters' shop, wash-house, kitchen, and sewing-room. Two wards in the fourth and fifth stories

of the main building, containing sixty-four patients, send out a walking party of fifty to fifty-five each day. One ward of eighteen sends out a party of ten, beside four or five to work. In one ward the doors are thrown open during the day, in the summer months, and the patients allowed to go in and out as they please.

EPILEPTICS.—We have in Hospital, at this date, thirty-six epileptics—twenty-two male, and fourteen female. Two of the former are boys, eleven and twelve years of age. These patients are kept in two wards, one for each sex. This separation of the epileptics from other classes of the insane is made for several reasons. They are, as a rule, more quarrelsome than others, requiring special precautions to prevent altercation with other patients. Besides, it is extremely unpleasant to others, particularly convalescents, to witness the convulsions which are liable to occur at any time. The time will come, ere long, when the number of epileptics in the state will be so large as to warrant the building of a hospital for that class alone. As a rule, when epileptics come to a hospital, it is to stay permanently. Rarely does an insane epileptic fully recover. Though their intervals of apparent sanity are frequent, and sometimes of several weeks' duration, it is seldom that we feel justified in sending them home unless the friends are fully aware of the tendency to relapse, and are willing to take the risk. This fact we have frequently observed when an epileptic has been kept in a family till it is found imperatively necessary to remove him to a hospital: his friends are ever after unwilling to receive him at home, even though his condition be entirely changed, so much do they appreciate the responsibility and danger which his presence produces. The regular life they lead at the Hospital, together with the medical and moral treatment they receive, keeps them in a fair state of general health, and reduces the number of epileptic seizures to the minimum.

DEPARTMENT FOR INSANE CRIMINALS.—The great need of a hospital for insane criminals was set forth in your last biennial report. I think it should be built in connection with the Additional Penitentiary at Anamosa, and now would seem to be the proper time for the work. I trust the matter will be fully examined by the next General Assembly, and that so important a department of our penal and charitable institutions will no longer be deferred.

At a meeting of the Association of Medical Superintendents of American Institutions for the Insane, at Baltimore, in 1873, Dr.

Pliny Earle presenting the following resolutions, which were unanimously adopted:

“WHEREAS, The President of the Board of Public Charities of Pennsylvania has requested that this Association should express its opinion in regard to the proper disposition of insane convicts; therefore,

“Resolved, 1. That neither the cells of penitentiaries and jails, nor the wards of ordinary hospitals for the insane, are proper places for the custody and treatment of this class of the insane.

“2. That, when the number of this class in any state (or in any two or more adjoining states, which will unite in the project) is sufficient to justify such a course, these cases should be placed in a hospital specially provided for the insane, and that, until this can be done, they should be treated in a hospital connected with some prison, and not in the wards or in separate buildings upon any part of the grounds of an ordinary hospital for the insane.”

REQUIREMENTS.—As the capacity of the hospital has been increased, the need of more water has become an imperative necessity. During the last spring months the supply became very low, and for many weeks we were practically without water more than half the time. While the ground is full of water, the quantity flowing into our wells is ample for our use. But a moderate drouth renders the supply inadequate to our needs. To meet this requirement, I would suggest the construction of a reservoir of sufficient capacity for a three months' supply. It could be filled when there was a surplus, as there is at some time during each year, and used when other supplies failed. I would also suggest the building of three large cisterns for storing the great amount of rain water falling on the roofs of the different buildings, much of which is now being wasted. When it is stated that from ten to fifteen hundred barrels of water are used daily, it will be seen that no ordinary well or wells will, in a dry season, furnish the required quantity. It is an undisputed fact that a hospital for the insane should be, at all times, supplied with an unlimited quantity of pure water.

BOILERS.—The boilers for heating the building need to be replaced with new. They have just been repaired at a large cost, and will probably not wear more than two winters. Consequently new ones will have to be provided before the meeting of another General Assembly.

COLD ROOM.—There is needed a butter, meat, and milk room.

Where so much meat is used daily, it is very important that a suitable place be provided for keeping it fresh. In warm days, the milk, in our present milk room, becomes unfit for use, with consequent loss. With a suitable storage for butter, we could save a large sum each year, by buying and packing at favorable times.

STOCK BARN.—There is much need of a new stock barn for the milch cows; the one in use for the last six years being a mere shed, much too small and inconvenient.

PLASTERING BASEMENT.—In my last report I suggested the necessity of a small appropriation for plastering the ceiling of the basement. In a building costing the state so much as this, it would seem culpable to leave it at this unguarded point. I consider it the part most exposed to fire. The pine joists, covered with wooden flooring as dry as it is possible for wood to become, makes a mass that needs only a spark to kindle into a conflagration, which might cost the state many thousands, and endanger many helpless lives.

SEWER EXTENSION.—I would again call your attention to the sewer, which was extended last year, and suggest its further extension fifteen hundred feet to a large pond or basin near the east end of the Hospital farm. The odor from it, during certain directions of the wind and conditions of the atmosphere, reaches the building, and is, I believe, injurious to the health of the inmates.

CHAPEL SERVICES.—The Sabbath afternoon chapel services have been continued throughout the two years. Rev. Thomas B. Kemp, Rev. W. B. Phelps, and Rev. J. G. Schaible have been on duty through the whole of the biennial period. Rev. J. Patterson conducted the service every fourth Sabbath till February last, since which time Rev. F. Robertson has officiated. It is needless to say that the work of these gentlemen has been warmly appreciated by our household. The attendance is entirely voluntary on the part of patients, but it has been uniformly good. It is often remarked, by the officiating clergyman, that he has never had a more orderly or attentive congregation.

AMUSEMENTS.—The usual amusements, such as concerts, readings, magic lantern exhibitions, etc., have been continued through the fall and winter seasons. The dance is the entertainment calling out the greatest number, and seeming to give the most satisfaction, even to

those who do not take an active part. The music is now entirely furnished by our household. Two of the male attendants play the violin, one calls the figures, a female attendant plays the organ, and latterly one of the patients plays the bass viol, an instrument he has made during his stay here. I believe no other entertainment, in a hospital for the insane, furnishes so much diversion to all, patients and employes, as the weekly dance.

CONTRIBUTIONS.—We are indebted to the "Public Library and Reading Room," of Independence, for a large supply of papers and magazines, and to several private individuals in Independence and vicinity for the same.

The publishers of the following named newspapers will please accept our thanks for copies of their papers during the whole or a part of the biennial period: "Buchanan County Bulletin," "The State Register," "The Chronicle" (Franklin county), "Germania," (Milwaukee), "Der National Demokrat" (Dubuque), "Fayette County Union," "Fayette County News," "Der Dutch Amerikaner" (Waterloo), "Webster County Gazette," "West Union Republican," "Monona County Gazette," "Der Nord Iowa Herald" (Elkader), "The Parkersburg Eclipse," "Ft. Dodge Times," "Wright County Monitor," "Clinton Age," "Clinton Herald."

Doctor M. A. Cleaves, of Davenport, has lately sent to our library Hutton's Biographies of Scott, Gibbon, and Johnson, three volumes.

Dr. Gershom H. Hill has continued to share with me the duties and responsibilities connected with our growing household. He has, in addition to his medical duties, taken the principal charge of the evening entertainments.

Dr. Henry G. Brainerd was appointed to the position of Second Assistant Physician in May, 1878, and has given full and entire satisfaction.

Mrs. L. M. Gray has for the last two years continued to fill the position of Matron, a place for which she is fully qualified, and to the duties of which she has given her undivided attention.

Noyes Appelman succeeded Geo. B. Smeallie, as Steward, in January, 1878. He has, I think, filled the position in a highly creditable manner.

A. D. Gurnsey was engaged as engineer June 1st, 1878. The many advantageous and economical changes he has made in the heat-

ing and ventilating apparatus give the best possible evidence of his fitness for, and interest in, the work.

Charles Hartwell, apothecary, Mary Sisson, female supervisor, and David Fiester, male supervisor, have performed their duties with honesty and discretion.

To the employes, in all departments, I feel greatly indebted for more than an ordinary care and steadiness in the work. Fewer changes, comparatively, have been made, than in previous years.

To Dr. Jno. G. House, Secretary of the Board of Trustees, I feel under great obligations for his continued counsel and assistance.

A. REYNOLDS, *Superintendent.*

APPENDIX A.

ORDINARY DIETARY.

BREAKFAST.

Sunday—Coffee, beef-hash, bread, butter.
Monday—Coffee, beef-steak, potatoes, bread, butter.
Tuesday—Coffee, corned-beef-hash, bread, butter.
Wednesday—Coffee, beef-steak, oat-meal mush, bread, butter.
Thursday—Coffee, beef-hash, bread, butter.
Friday—Coffee, mackerel or beef-steak, potatoes, bread, butter.
Saturday—Coffee, warmed roast beef with gravy, bread, butter.

DINNER.

Sunday—Baked beans, cold roast beef, gravy, potatoes, pickles, warm brown bread, pie.
Monday—Corned-beef, potatoes, cabbage, beets, bread, pie or pudding.
Tuesday—Roast beef, gravy, potatoes, onions, pickles, bread.
Wednesday—Vegetable soup, baked potatoes, bread, pudding.
Thursday—Roast beef, gravy, potatoes, onions, pickles, bread.
Friday—Picked cod-fish cooked in milk, or white-fish with drawn butter, potatoes, hominy, bread, pie.
Saturday—Pea soup, vegetables, pickles, bread, hasty pudding with syrup.

SUPPER.

Sunday—Tea, bread, butter, sauce, cake.
Monday—Tea, bread, butter, cheese.
Tuesday—Tea, bread, butter, cold light biscuit, sauce.
Wednesday—Tea, bread, butter, rice, sauce.
Thursday—Tea, bread, butter, cake.
Friday—Tea, bread, butter, cold light biscuit.
Saturday—Tea, bread, butter, cake.

EXPLANATION OF DIET TABLE.

BREAD.—Graham as well as white bread is always on the table, and crackers are kept on hand for those who prefer them; hot buckwheat cakes, or griddle-cakes, are furnished for breakfast twice a week in winter, and hot corn-cake throughout the rest of the year; milk toast is made for supper twice a week in summer.

MEAT.—Veal, mutton, lamb, ham and eggs add to the variety in summer; fresh fish, liver, pork, and sausage in winter.

VEGETABLES.—Cabbage, onions, and beets are often used for dinner, and an ample supply of potatoes furnished once or twice a day throughout the entire year; green peas, string beans, green sweet corn, squashes, turnips, carrots, parsnips, vegetable oysters, radishes, lettuce, horse-radish, and tomatoes are had in abundance in their season; large quantities of green corn and tomatoes are kept for winter use; cucumbers, green tomatoes, and onions are made up into pickles.

CAKE.—Cake includes cookies, ginger-snaps, soft gingerbread, doughnuts, etc.

SAUCE.—Dried apples, peaches, prunes, berries, green apples, pie-plant, boiled or baked custards, afford a variety of sauce for supper; in addition, syrup is kept on the table constantly.

EXTRAS.—On Thanksgiving Day, the whole household has turkey for dinner, and either turkey or chicken on two other days in the year. Fresh strawberries and raspberries are served to all the patients several times in summer, also melons in their season. Apples are distributed throughout the entire house on Sunday during the winter months.

DELICACIES FOR THE SICK.—Fresh oysters, beef tea, chicken broth, mutton broth, scalded milk, boiled milk and crackers, gruel, oat-meal gruel, milk punch, cracked wheat, oat-meal porridge, dry toast, milk toast, toast with dropped egg, boiled egg, blanc mange, corn starch, tapioca, honey, jelly, and canned fruit, are carefully given to invalids and all who are not able to partake of the regular diet.

APPENDIX B.

No person should be brought to the Hospital without having been clearly informed of his destination. If he is too insane to appreciate it, no harm will be done, while, if some reason still remains, he will understand that at least his friends intend to deal honestly with him. Nor should he be told that his stay will be but a few hours or days, or that he can go home when he pleases. Such promises give a patient a distrust of the Hospital and those under whom he is placed.

Patients should be provided, before coming to the Hospital, with a change of good clothing, and at least one extra change of underwear. While the institution will exercise all possible care that the clothing of patients is repaired and duly kept, it cannot guarantee against those occasional losses which are particularly liable to occur in a hospital for the insane. No money, jewelry, or valuable articles of clothing should be brought to the Hospital with patients. Parties in charge of patients arriving by night trains should remain in the city till morning. It is extremely injurious to patients, already retired and asleep, to be disturbed by the arrival of another, perhaps noisy and turbulent, and in our present crowded condition, every bed occupied, it is a great inconvenience.

Before starting for the Hospital with a patient it should be known that all the formalities of the law have been complied with.

It is very desirable that the commissioners of insanity should notify the officers of the Hospital of the probable time of the arrival of patients, with some main facts in regard to the case.

Some person should accompany the patient, who is familiar with the history of the case; some member of the family if practicable.

STATISTICAL TABLES.

TABLE I.

Movement of population.

MOVEMENT.	FIRST YE'R.			SECOND YE'R.			Total for the bi- ennial period.	FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.		Men.	Women.	Total.
No. remaining, Oct. 1st, 1877 and 1878.....	165	157	322	203	198	401	.....	.....	.....	.....
No. admitted.....	150	126	276	149	114	263	539	803	630	1433
No. discharged—recovered...	22	24	46	18	26	44	90	136	113	249
No. discharged—improved...	46	27	73	56	35	91	164	216	142	358
No. discharged—unimproved	22	16	38	35	12	47	85	128	68	196
No. died.....	22	18	40	16	16	32	72	96	84	180
Average daily number.....	353			422			387½	.....	
No. remaining, Oct. 1st, 1878 and 1879.....	203	198	401	227	223	450	.....	.....	.....	.....

TABLE II.

Duration of insanity before admission, with results.

DURATION.	Recovered.	Improved.	Unimproved.	Died.	Remaining.
Less than three months.....	147	111	27	52	85
Three to six months.....	33	46	13	19	29
Six to twelve months.....	32	42	27	18	55
One to two years.....	25	55	29	21	59
Two to three years.....	3	25	21	14	45
Three to five years.....	2	34	23	23	58
Five to ten years.....	1	19	31	20	60
Over ten years.....	.....	12	9	7	33
Unknown.....	6	14	16	6	26
Total.....	249	358	196	180	450

TABLE III.

Number at each age when admitted.

AGE.	Biennial period.	Total from the beginning.
Under fifteen years.....	3	8
Fifteen to twenty.....	52	118
Twenty to thirty.....	158	416
Thirty to forty.....	138	376
Forty to fifty.....	100	267
Fifty to sixty.....	60	154
Sixty to seventy.....	18	67
Seventy to eighty.....	10	27
Total.....	539	1433

TABLE IV.

Nativity of patients.

NATIVITY.	Biennial period.	From the be- ginning.
Maine.....	5	17
New Hampshire.....	13	5
Vermont.....	14	34
Massachusetts.....	5	16
Rhode Island.....	.....	3
Connecticut.....	.....	12
New York.....	70	193
New Jersey.....	.....	6
Pennsylvania.....	43	114
Maryland.....	2	8
Virginia.....	3	9
West Virginia.....	1	1
North Carolina.....	2	2
South Carolina.....	.....	1
Louisiana.....	1	2
Texas.....	.....	1
Tennessee.....	2	6
Kentucky.....	4	12
Missouri.....	3	6
Ohio.....	46	112
Indiana.....	13	35
Illinois.....	21	70

TABLE IV—CONTINUED.

NATIVITY.	Biennial period.	
	From the	beginning.
Michigan	4	11
Wisconsin	15	34
Iowa	58	139
California	1	2
Canada	14	39
New Brunswick	2	3
Nova Scotia	2	3
England	16	46
Scotland	3	3
Ireland	54	151
Wales	4	7
Denmark	5	13
Norway	24	53
Sweden	13	26
France	1	6
Switzerland	7	13
Germany	67	197
Bohemia	3	3
Iceland	1	1
Unknown	8	18
Total	539	1433

TABLE V.

Residence of patients admitted and remaining.

COUNTY.	Admitted during biennial period.			Admitted from the beginning.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Allamakee	10	11	21	26	25	51	5	9	14
Benton	14	11	25	25	31	56	7	14	21
Black Hawk	8	12	20	27	39	66	5	8	13
Bremer	1	2	3	16	11	27	2	2	4
Boone	2	2	4	4	6	10	2	4	6
Buchanan	9	8	17	32	34	66	8	7	15
Buena Vista	2	2	4	4	5	9	2	2	4
Butler	2	2	4	14	9	23	3	4	7
Calhoun	1	1	2	1	1	2	1	1	2
Carroll	5	5	10	5	5	10	2	2	4
Cerro Gordo	6	4	10	9	5	14	2	2	4
Cherokee	1	3	4	1	4	5	1	4	5
Chickasaw	7	10	17	17	19	36	6	6	12
Clay	1	1	2	3	2	5	1	1	2
Clayton	17	6	23	55	37	92	10	15	25

TABLE V—CONTINUED.

COUNTIES.	Admitted during biennial period.			Admitted from the beginning.			REMAINING.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Clinton	12	19	31	13	20	33	6	12	18
Crawford	3	4	7	3	4	7	3	2	5
Delaware	8	3	11	31	22	53	6	4	10
Dickinson	1	1	2	1	2	3	1	1	2
Dubuque	28	24	52	95	75	170	21	23	44
Emmet	1	1	2	3	5	8	2	2	4
Fayette	11	8	19	35	21	56	10	7	17
Floyd	4	2	6	15	7	22	3	1	4
Franklin	6	4	10	11	12	23	3	6	9
Greene	4	5	9	4	5	9	4	4	8
Grundy	2	2	4	6	5	11	2	2	4
Hamilton	4	4	8	7	3	10	3	1	4
Hancock	1	1	2	1	2	3	1	1	2
Hardin	1	6	7	4	20	24	1	8	9
Howard	2	2	4	13	6	19	6	2	8
Humboldt	4	4	8	1	4	5	1	1	2
Jackson	10	8	18	24	16	40	1	2	3
Jones	7	9	16	22	21	43	3	7	10
Ida	2	2	4	1	2	3	1	1	2
Kossuth	5	5	10	8	2	10	3	3	6
Lyon	1	1	2	1	1	2	1	1	2
Linn	8	16	24	30	30	60	8	13	21
Marshall	9	2	11	20	5	25	8	3	11
Mitchell	2	2	4	6	9	15	1	2	3
Monona	8	2	10	8	2	10	5	1	6
Osceola	1	1	2	1	1	2	1	1	2
O'Brien	1	1	2	1	3	4	1	1	2
Palo Alto	2	2	4	4	3	7	2	2	4
Plymouth	5	5	10	8	8	16	3	3	6
Pocahontas	3	1	4	3	1	4	2	1	3
Sac	2	2	4	1	2	3	1	1	2
Sioux	1	1	2	1	3	4	2	2	4
Story	3	3	6	5	7	12	2	2	4
Tama	5	6	11	13	12	25	5	6	11
Webster	5	6	11	13	12	25	3	1	4
Winneshiek	9	8	17	44	19	63	11	7	18
Winnebago	2	2	4	2	4	6	1	1	2
Worth	2	2	4	3	7	10	1	2	3
Woodbury	6	3	9	12	6	18	5	1	6
Wright	1	1	2	2	4	6	2	2	4
State at large	48	11	59	87	33	120	37	10	47
Total	299	240	539	803	630	1433	227	223	450

TABLE VI.
Occupation of those admitted.

OCCUPATION.	Biennial period. From the begin'g.	
Artist.....	1	1
Baker.....	4	4
Bartender.....	1	1
Brewer.....	1	1
Butcher.....	2	2
Blacksmith.....	5	12
Book-keeper.....	2	10
Cabinet-maker.....	1	4
Carpenter.....	5	15
Clerk.....	2	10
Cigar-maker.....	1	2
Cooper.....	1	4
Dentist.....	3	3
Domestic.....	23	60
Druggist.....	1	1
Editor.....	2	3
Engineer.....	4	4
Farmer.....	157	377
Gardener.....	2	4
Harness-maker.....	2	6
Housewife.....	160	389
Home work.....	30	54
Jeweler.....	1	2
Knife-grinder.....	1	1
Laborer.....	47	145
Landlord.....	1	1
Lawyer.....	2	8
Liveryman.....	1	2
Machinist.....	1	1
Mason.....	3	7
Merchant.....	7	21
Miller.....	1	4
Milliner.....	1	1
Miner.....	3	3
Operative.....	8	8
Painter.....	3	6
Peddler.....	3	6
Preacher.....	2	4
Physician.....	2	5
Printer.....	1	1
Railroader.....	5	7
Sailor.....	1	2
Seamstress.....	1	4
Speculator.....	2	2
Shoemaker.....	4	7
Student.....	9	15
Tailor.....	2	5
Teacher.....	10	23
Tinner.....	3	3
Tramp.....	4	7
Unknown.....	8	25
Wagon-maker.....	3	6
Washerwoman.....	2	4
Wood-carver.....	1	1
Without occupation.....	20	120
Total.....	539	1433

TABLE VII.
Supposed or assigned cause of insanity.

CAUSE.	BIENNIAL PERIOD.			FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.
CONGENITAL—						
Hereditary.....	46	49	95	150	136	286
Defective mental organization.....	3	1	4	12	5	17
DISEASES OF THE NERVOUS SYSTEM—						
Hydrocephalus.....	1	...	1	1	...	1
Epilepsy.....	28	6	34	59	24	83
Cerebral hemorrhage.....	1	1	2	2	1	3
Cerebral congestion.....	4	3	7	5	4	9
Cerebral abscess.....	2	...	2	2	...	2
Cerebro-spinal-meningitis.....	...	...	...	1	...	1
Softening of the brain.....	...	2	2	...	2	2
Paralysis.....	1	...	1	4	...	4
Injury to the head.....	15	2	17	46	5	51
Injury to spine.....	2	...	2	2	1	3
Disease of spine.....	1	...	1	1	...	1
Sun or heat stroke.....	10	4	14	21	6	27
Exposure to excessive cold.....	...	...	...	1	...	1
Lightning stroke.....	...	...	...	...	1	1
DISEASE IN GENERAL—						
Fever.....	2	13	15	7	15	22
Measles.....	1	...	1	1	...	1
Syphilis.....	3	...	3	3	...	3
Rheumatism.....	...	...	...	1	...	1
Debility.....	4	6	10	12	20	32
Treatment by a quack.....	...	1	1	2	1	3
Loss of sleep.....	2	...	2	2	...	2
Opium habit.....	...	1	1	...	3	3
Use of alcoholic drinks.....	19	1	20	47	3	50
Use of tobacco.....	...	...	...	3	...	3
Masturbation.....	13	...	13	44	2	46
Excessive venery.....	1	...	1	1	...	1
Uterine disease.....	...	11	11	...	33	33
Exposure during menstrual epoch.....	...	4	4	...	6	6
Defective or suppressed menstruation.....	...	7	7	...	18	18
Early marriage.....	...	...	...	...	2	2
Disturbed gestation.....	...	...	...	...	4	4
Puerperal condition.....	...	22	22	...	37	37
Prolonged lactation.....	...	1	1	...	2	2
Too frequent child-bearing.....	...	3	3	...	9	9
Change of life.....	...	7	7	...	12	12
Senile decay.....	4	...	4	8	1	9
MORAL INFLUENCE—						
Jealousy.....	2	3	5	2	3	5
Disappointment.....	...	1	1	...	1	1
Imprisonment.....	1	...	1	1	...	1
Depravity.....	1	...	1	1	...	1
Spiritualism.....	...	2	2	...	5	7
Religious excitement.....	6	6	12	19	15	34
Sorrow on account of blindness.....	1	1	2	1	2	3
Fright.....	1	1	2	4	4	8
Grief.....	1	6	7	3	12	15
Desertion of companion.....	...	2	2	...	4	4

TALBE VII—CONTINUED.

CAUSE.	BIENNIAL PERIOD.			FROM THE BEGINNING.		
	Men.	Women.	Total.	Men.	Women.	Total.
<i>MORAL INFLUENCE—Continued.</i>						
Domestic trouble	11	9	20	20	31	51
Disappointed affection	6	6	12	13	17	30
Seduction		1	1		2	2
Loss of property				11	2	13
Poverty and want	3	3	6	5	7	12
Pecuniary embarrassment	15		15	26	3	29
Overwork	5	4	9	11	8	19
Excessive mental labor	2		2	6	2	8
Lack of employment	1		1			1
Cause unknown	80	50	130	239	156	395
Total	299	240	529	803	630	1433

TABLE VIII.

Cause of death.

CAUSE.	Men.	Women.	Total.
Acute cerebritis	1	2	3
Cerebral tumor	1		1
Cerebral abscess	1		1
Cerebral embolism	1		1
Cerebral hemorrhage	4	4	8
Epilepsy	5	1	6
Posterior spinal sclerosis	1		1
General paralysis	4		4
Acute delirious mania	1		1
Exhaustion from acute mania	4	4	8
Exhaustion from chronic mania	3	6	9
Exhaustion from old age	1	2	3
Emphysema	1		1
Hydrothorax	1		1
Phthisis	9	5	14
Phthisis melanosis	1		1
Fatty degeneration of the heart	1		1
Chronic hepatitis	1		1
Dysentery	1	1	2
Septicaemia	1		1
Peritonitis	1		1
Erysipelas	1		1
Exhaustion from syphilis	1		1
Suicide		2	2
Total	38	34	72

TABLE IX.

Number of times patients have been admitted, with results.

DISCHARGED.	No. of admissions.				
	First.	Second.	Third.	Fourth.	Total.
Recovered	225	19	4	1	249
Eloped	15	2			17
Request of friends—harmless	292	33	4		329
Order of Trustees—harmless and incurable	134	20	5	3	162
Order of county commissioners of insanity	38	1	3		42
Order of judge of district court	4				4
Died	167	10	3		180
Total discharged	875	85	19	4	983
Remaining in Hospital	359	79	8	4	450
Total admitted	1234	164	27	8	1433

TABLE X.

Condition and prospects of patients remaining at the end of the period.

FORM OF INSANITY.	Favorable.	Unfavorable.	Total.
Mania acute	22	7	29
Mania chronic	6	213	219
Mania recurrent		6	6
Melancholia	18	15	33
Dementia	2	146	148
Imbecility		12	12
General paralysis		3	3
Total	48	402	450

STEWARD'S REPORT.

To the Board of Trustees of the Iowa Hospital for Insane at Independence, Iowa:

GENTLEMEN—I have the honor to transmit herewith the fourth biennial report of the Steward of this institution, embracing a classified schedule of current expenses, with a list of vouchers covering the same. Also, a statement of moneys received by the Steward, an enumeration of the products of the farm and garden, an inventory of the farm stock, implements, and utensils, a statement showing number of hogs slaughtered and sold, and their value, beef furnished from dairy, calves sold, and their value, a list of plants in green-house, and their value, a schedule of general supplies, and fuel, and a list of the officers and employes, showing how employed, and salary paid to each.

All of which is respectfully submitted.

NOYES APPELMAN, *Steward.*

Independence, September 30, 1879.

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending September 30, 1878.

RECEIPTS.

From balance on hand Oct. 1, 1877		\$ 3,001.09
From Treasurer of State.....	\$48,500.00	
From articles sold.....	119.04	
From board and clothing (paid by friends of patients)...	1,149.91	
From hides sold.....	500.11	
From interest on State warrants.....	54.80	
	<hr/>	\$50,324.46
		\$53,325.55

EXPENDITURES.

For meats and fish.....	\$ 4,627.03
For breadstuffs.....	3,310.31
For fruits	904.94
For tea and coffee.....	1,600.09
For sugar and syrup.....	2,310.64
For butter, eggs, and cheese.....	2,526.96
For sundry groceries.....	1,984.43
For medicinal supplies.....	1,354.89
For postage and stationery.....	514.31
For clothing.....	3,118.21
For library and diversions.....	153.00
For furniture and furnishing.....	1,975.11
For repairs.....	1,160.65
For hardware.....	508.25
For contingencies.....	596.76
For Visiting Committee.....	424.00
For glass, oils, and paints.....	146.59
For farm.....	1,129.77
For feed.....	112.22
For lights.....	366.29
For fuel.....	12,389.64
For salaries and wages.....	22,116.18

\$63,330.27

Vouchers for quarter ending Sept. 30, 1878, unpaid..... 17,357.79

45,972.48

Balance on hand Sept. 30, 1878.....

\$7,353.07

CURRENT EXPENSE FUND.

Exhibit of Steward for year ending September 30, 1879.

RECEIPTS.

From balance on hand Oct. 1, 1878.....		\$ 7,353.07
From Treasurer of State.....	\$70,664.01	
From articles sold.....	579.02	
From board and clothing of patients (paid by friends).....	801.62	
From hides sold.....	540.93	
From interest on State warrants.....	125.28	
		72,710.86
		\$80,063.93

EXPENDITURES.

For vouchers for quarter ending Sept. 30, 1878, unpaid.....	\$17,357.79	
For meats and fish.....	4,782.89	
For breadstuffs.....	3,657.70	
For fruits.....	797.15	
For tea and coffee.....	1,708.33	
For sugar and syrup.....	2,367.31	
For butter, eggs, and cheese.....	3,852.24	
For sundry groceries.....	2,116.48	
For medicinal supplies.....	1,667.67	
For postage and stationery.....	451.07	
For clothing.....	3,766.42	
For library and diversions.....	97.65	
For furniture and furnishing.....	2,945.93	
For repairs.....	4,180.45	
For green-house.....	139.90	
For hardware.....	584.55	
For contingencies.....	651.35	
For Visiting Committee.....	415.00	
For glass, oils, and paints.....	516.98	
For farm.....	715.44	
For feed.....	245.37	
For lights.....	782.53	
For fuel.....	7,269.10	
For salaries and wages.....	22,729.75	
	\$83,799.05	
Vouchers for quarter ending Sept. 30, 1879, unpaid.....	17,242.42	
		66,556.63
Balance on hand Sept. 30, 1879.....		\$13,507.30

The farm contains three hundred and twenty acres, lying in the form of the letter T, the quarter section occupied by the Hospital and other buildings being square, with an eighty to the east and an eighty to the west, extending one-half mile each way on the south side of the farm. On one hundred and twenty acres are raised corn, oats, potatoes, beans, and garden stuff. About thirty acres are occupied by the brick-yards; and the balance is in pasture and meadow land.

Products of farm and garden for 1878:

Asparagus, 431 bunches, at 5 cents.....	\$ 21.55
Beet greens, 32 bushels, at 50 cents.....	16.00
Beets, 427 bushels, at 50 cents.....	213.50
Beans, string, 33 bushels, at 75 cents.....	24.75
Beans, small white, 29 bushels, at \$1.00.....	29.00
Beans, Lima, $\frac{1}{2}$ bushel, at \$1.50.....	.75
Cauliflower, 22 heads, at 10 cents.....	2.20
Cucumbers, 20,100, at \$2.00 per thousand.....	40.20
Cabbages, 2,608 heads, at 5 cents.....	130.40
Cherries, $5\frac{3}{4}$ bushels, at \$2.50.....	14.35
Currants, 2 bushels, at \$1.60.....	3.20
Carrots, $93\frac{1}{2}$ bushels, at 50 cents.....	46.75
Corn, sweet, 158 bushels, at 50 cents.....	79.00
Cantaloupes, 125, at 3 cents.....	3.75
Crab-apples, $31\frac{1}{2}$ bushels, at \$1.00.....	3.50
Celery stalks, 1,500, at 8 cents.....	120.00
Corn, 1,551 bushels, at 20 cents.....	310.20
Corn, pop, 24 bushels, at 50 cents.....	12.00
Egg-plant, 20, at 5 cents.....	1.00
Hay, 100 tons, at \$4.00.....	400.00
Kohl-rabi, $13\frac{1}{2}$ bushels, at 50 cents.....	6.75
Lettuce, $46\frac{1}{2}$ bushels, at 50 cents.....	23.25
Milk, 12,975 gallons.....	2,267.20
Melons, 254, at 5 cents.....	12.70
Onions, 330 bunches, at 3 cents.....	9.90
Onions, 45 bushels, at 75 cents.....	33.75
Oats, 1,189 bushels, at 20 cents.....	237.80
Pumpkins, 900, at 1 cent.....	9.00
Potatoes, $2,408\frac{1}{2}$ bushels, at 30 cents.....	722.55
Parsley, $3\frac{1}{4}$ bushels, at \$1.00.....	3.25
Peas, 98 bushels, at \$1.00.....	98.00
Parsnips, 160 bushels, at 50 cents.....	80.00
Raspberries, 682 quarts, at $12\frac{1}{2}$ cents.....	85.25
Radishes, $26\frac{1}{2}$ bushels, at 50 cents.....	13.25
Radish (horse), 12 bushels, at 50 cents.....	6.00
Rhubarb, 458 bunches, at 3 cents.....	13.74
Squashes, summer, 969, at \$2.00 per hundred.....	19.38
Squashes, winter, 650, at 7 cents.....	45.50
Spinach, $18\frac{1}{2}$ bushels, at 50 cents.....	9.25
Strawberries, 2,005 quarts, at $12\frac{1}{2}$ cents.....	250.62
Salsify, 20 bushels, at 75 cents.....	15.00
Sage, 15 pounds, at 50 cents.....	7.50
Straw, 20 tons, at \$2.00.....	40.00
Tomatoes, 205 bushels, at 75 cents.....	153.75
Turnips, 40 bushels, at 20 cents.....	8.00
Total.....	\$ 5,643.49

Products of farm and garden for 1879:

Asparagus, 387 bunches, at 5 cents.....	\$ 19.35
Beans, string, 89 bushels, at 75 cents.....	66.75
Beans, white navy, 40 bushels (estimated), at \$1.00.....	40.00
Beets, 220 bushels (estimated), at 50 cents.....	110.00
Cauliflower, 24 heads, at 10 cents.....	2.40
Cabbage, 2,845 heads, at 5 cents.....	142.25
Cherries, 3 pecks, at 50 cents.....	1.50
Cucumbers, 10,570, at 20 cents per hundred.....	21.14
Carrots, 150 bushels (estimated), at 50 cents.....	75.00
Corn, sweet, 44½ bushels, at 50 cents.....	22.25
Cantalopes, 26, at 3 cents.....	.78
Corn, 1,500 bushels (estimated), at 20 cents.....	300.00
Celery, 590 stalks, at 8 cents.....	47.20
Grapes, 307 pounds, at 5 cents.....	15.35
Hay, 100 tons, at \$4.00.....	400.00
Lettuce, 48¼ bushels, at 50 cents.....	24.12
Milk, 17,409 gallons.....	3,068.05
Melons, 736, at 5 cents.....	36.80
Oats, 1,455 bushels, at 16 cents.....	232.80
Onions, 49¾ bushels, at 75 cents.....	37.32
Parsley, 5 bushels, at \$1.....	5.00
Peas, 71 bushels, at \$1.....	71.00
Potatoes, 2,340 bushels, at 25 cents.....	585.00
Parsnips (estimated), 125 bushels, at 50 cents.....	62.50
Peppers, 1 bushel.....	2.00
Pumpkins, 500, at 1 cent.....	5.00
Radishes, 20¼ bushels, at 50 cents.....	10.12
Rhubarb, 254 bunches, at 3 cents.....	7.62
Raspberries, 430 quarts, at 10 cents.....	43.00
Radishes, 25 bushels, at 50 cents.....	12.50
Radish, horse, 10 bushels (estimated), at 50 cents.....	5.00
Rutabagas, 100 bushels (estimated), at 25 cents.....	25.00
Spinach, 13 bushels, at 50 cents.....	6.50
Strawberries, 2,948 quarts, at 10 cents.....	294.80
Squash, summer, 1,793, at 2 cents.....	35.86
Salsify, 15 bushels, at 75 cents.....	11.25
Sage, 20 pounds, at 50 cents.....	10.00
Straw, 40 tons, at \$2.....	80.00
Tomatoes, 176¾ bushels, at 75 cents.....	132.57
Turnips, white, 50 bushels (estimated), at 20 cents.....	10.00
Total.....	\$ 6,077.78

The following is for biennial period:

Beef furnished Hospital, 6,070 pounds.....	\$ 151.64
Veal furnished Hospital, 422 pounds.....	14.74
Pork furnished Hospital, 15,885 pounds.....	431.65
Pigs sold, 3.....	17.00
Pork sold, 9,200 pounds.....	284.00
Calves sold, 25 (not considered profitable to raise).....	37.00
Total.....	\$ 936.56

Inventory of supplies on hand:

Groceries and provisions.....	\$ 1,482.25
Fruits.....	315.02
Pickles.....	83.05
Dry goods and notions.....	3,030.17
Boots, shoes and slippers.....	469.65
Cutlery, crockery and glassware.....	324.21
Drugs and medicines.....	500.00
Clothing (men's).....	858.32
Clothing (women's).....	191.00
Fuel.....	455.00
Coke (gas purposes).....	96.00
Oil (gas purposes).....	180.00
Beef cattle.....	442.48
Grain not raised on farm.....	12.50
Fish.....	44.00
Soft soap.....	60.00
Hard soap.....	187.00
Breadstuffs.....	100.00
Oats raised on farm.....	224.00
Corn raised on farm (estimated), 1,500 bushels, at 20 cents.....	300.00
Potatoes and other vegetables (estimated).....	1,200.00
Total.....	\$ 10,554.65

Inventory of farm stock and implements:

Eight brood sows.....	\$ 80.00
Thirty-three fat hogs.....	297.00
Forty-six pigs (under six months).....	115.00
One Berkshire boar.....	10.00
One calf.....	10.00
Twenty-five cows.....	625.00
One Devon bull.....	50.00
Six horses.....	540.00
Two lumber wagons.....	100.00
One lumber wagon.....	35.00
Two lumber wagons.....	25.00
One buggy.....	100.00
One patients' wagon.....	100.00
One buckboard wagon.....	15.00
One patients' sleigh.....	70.00
Two pair of bob-sleighs.....	60.00
One mower.....	25.00
One horse-rake.....	20.00
Two stirring plows.....	25.00
One breaking plow.....	7.00
One corn plow.....	5.00
Two shovel plows.....	14.00
One corn cultivator.....	20.00
Two drags.....	10.00
One roller.....	20.00
Three sets double harness.....	60.00
One single harness.....	21.00
One single harness.....	10.00
One straw-cutter.....	15.00
One platform scales.....	50.00
Lap and buffalo robes.....	25.00
One lawn-mower.....	15.00
Hoes, shovels, spades and other utensils.....	66.00

Total..... \$ 2,640.00

List of plants in green-house:

Acharanthus, 2 at 25 cents.....	\$.50
Abrobia, 5 at 20 cents	1.00
Alysum sweet, 20 at 10 cents.....	2.00
Artemisia, 6 at 10 cents .....	.60
Abutilon, 2 at 25 cents .....	.50
Abutilon, small, 2 at 10 cents.....	.20
Begonias, 8 at 25 cents	2.00
Begonia, 1 at.....	1.00
Calla lilies, 4 at 75 cents.....	3.00
Coleus, large, 14 at 50 cents.....	7.00
Carnations, 5 at 40 cents.....	2.00
Carnations, 16 at 15 cents.....	2.40
Eupatowm, 3 at 25 cents.....	.75
Fuchsias, 7 at 25 cents	1.75
Fuchsias, small, 10 at 10 cents.....	1.00
Fever-few, 2 at 25 cents.....	.50
Geraniums, large, 30 at 25 cents	7.50
Geraniums, small, 70 at 10 cents.....	7.00
Glaucium, 2 at 75 cents.....	1.50
Heliotropes, 4 at 50 cents.....	2.00
Heliotropes, 20 at 10 cents.....	2.00
Hanging baskets, 5 at 75 cents.....	3.75
Hibisons, small, 4 at 10 cents.....	.40
Jasmines, 2 at 25 cents .....	.50
Maderia bulbs.....	1.00
Minulas, 2 at 10 cents.....	.20
Oleander, 1 at.....	1.50
Petunias, double, large, 10 at 50 cents.....	6.00
Petunias, small, 20 at 10 cents	2.00
Pansies, 20 at 15 cents.....	3.00
Perella, 2 at 15 cents .....	.30
Passion vine, 4 at 20 cents.....	.80
Roses, 10 at 50 cents.....	5.00
Salvias, large, splendors, 12 at 75 cents.....	9.00
Salvias, small, 10 at 10 cents.....	1.00
Stevens, 3 at 10 cents.....	.30
Violets, English, 6 at 15 cents ..	.90
Verbenas, 12 varieties.....	1.00
Total	\$ 82.85

EXHIBIT

Of special appropriation by the Seventeenth General Assembly, for contingent expenses, to September 30, 1879.

RECEIPTS.

From Auditor of State.....\$ 812.92

EXPENDITURES.

For new flues from boilers to smoke stack\$417.92
 For well..... 395.00--\$812.92

LIST OF OFFICERS AND EMPLOYES, SEPTEMBER 30, 1879.

NAMES.	HOW EMPLOYED.	SALARY.
A. Reynolds	Superintendent	\$ 2,000 per annum.
G. H. Hill	Assistant Physician	900 per annum.
H. G. Brainard	Assistant Physician	600 per annum.
Noyes Appelman	Steward	1,000 per annum.
Mrs. L. M. Gray	Matron	500 per annum.
Chas. H. Hartwell	Apothecary	400 per annum.
A. D. Guernsey.....	Engineer	60 per month.
Peter Walters.....	Fireman.....	30 per month.
John Dorsett	Butcher.....	37 per month.
Chas. L. Thomas, Jr.....	Gardener.....	33 per month.
Hansen Lars.....	Barn-man.....	26 per month.
James Hickey	Hack-driver.....	26 per month.
Chas. Thomas, Sr.....	Night watch.....	37 per month.
H. A. Cramer.....	Carpenter	40 per month.
Elias Peck.....	Teamster	18 per month.
John Thomas.....	Barn-boy	12 per month.
Schank Weart	Teamster	18 per month.
Roger McGill	Fireman	30 per month.
Geo. Bridenbach	Baker	45 per month.
Joseph Landis	Assistant baker.....	16 per month.
James Netcott.....	Carman.....	26 per month.
Maggie O'Conner	Washer	11 per month.
Agnes Netcott.....	Cook.....	16 per month.
Annie E. Willard.....	Seamstress.....	15 per month.
Jane Thomas	Washer	14 per month.
Mary O'Conner	Ironer	11 per month.
Rosa Roche.....	Office girl.....	10 per month.
Anna Stites	Ironer.....	11 per month.
Eva Alta Yount.....	Dining-room.....	10 per month.
Mary Wenderling.....	Washer.....	11 per month.
Sarah Thomas	Ironer	14 per month.
V. W. Peck	Assistant carman	16 per month.

LIST OF OFFICERS AND EMPLOYEES—CONTINUED.

NAMES.	HOW EMPLOYED.	SALARY.
Sophia Walters	Washer	\$ 11 per month.
Katie Longnecker	Dining-room	10 per month.
Josie Smith	Chambermaid	10 per month.
Katie Gallagan	Cook	14 per month.
Mary Gallagan	Dining-room	9 per month.
A. M. Wackerbarth	Seamstress	14 per month.
Martha Boyack	Kitchen	8 per month.
Victoria Wendling	Kitchen	8 per month.
Maggie Trautler	Kitchen	8 per month.
Alzada Wolls	Kitchen	8 per month.
C. W. Stites	Farmer	26 per month.
D. H. Feister	Supervisor	30 per month.
Conrad Mathis	Attendant	24 per month.
J. W. Galentin	Attendant	22 per month.
Fred Kimball	Attendant	22 per month.
T. C. McKenzie	Attendant	22 per month.
F. S. Rosencrans	Attendant	22 per month.
G. O. Miller	Attendant	22 per month.
P. J. Gallagan	Attendant	22 per month.
W. J. Martin	Attendant	20 per month.
Graham Slack	Attendant	19 per month.
J. S. Shaffer	Attendant	19 per month.
Chas. Munning	Attendant	18 per month.
R. O. Woodward	Attendant	18 per month.
William Innis	Attendant	18 per month.
W. W. Feister	Attendant	22 per month.
Fred Tiellebein	Attendant	19 per month.
William Shaffer	Attendant	19 per month.
Mary Sisson	Supervisor	25 per month.
A. M. Allen	Night watch	18 per month.
Alice Burroughs	Night watch	18 per month.
Fannie Price	Attendant	16 per month.
Sarah J. Ellis	Attendant	16 per month.
Mary Boyack	Attendant	16 per month.
Sarah Bouk	Attendant	18 per month.
Clara Colman	Attendant	18 per month.
Alice O'Conner	Attendant	16 per month.
Julia Davies	Attendant	16 per month.
Kate Klotzbach	Attendant	16 per month.
Edith Somer	Attendant	15 per month.
Frankie Fisher	Attendant	15 per month.
Orlinda Feathers	Attendant	14 per month.
Marcella Roth	Attendant	14 per month.
Jessie Boyack	Attendant	13 per month.
E. H. Thomas	Attendant	13 per month.
Mary Nicholson	Attendant	16 per month.
Anna Stumma	Attendant	12 per month.
Alice Green	Attendant	12 per month.
Mary E. Wood	Attendant	12 per month.
Fannie Healey	Attendant	12 per month.
Emma Rosencrans	Attendant	12 per month.

Number of employes, eighty-three.

LIST OF VOUCHERS

For biennial period ending September 30, 1879.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
1	H. B. Mason & Co.....	\$ 12 00	46	Frank Megow.....	\$ 3 87
2	A. B. Eaton.....	18 56	47	O. Marquette.....	36 90
3	John McKenna.....	12 67	48	Wm. Toman.....	58 20
4	R. S. Searls.....	7 50	49	John Klotzbach.....	4 50
5	A. C. Hamilton.....	7 20	50	Ill. Central R. R. Co....	23 85
6	Martin Dingsley.....	7 54	51	G. H. Robinson.....	19 49
7	Dr. A. Reynolds.....	33 08	52	J. C. Litts.....	18 27
8	E. Cobb.....	353 20	53	Patrick O'Shea.....	54 01
9	E. Cobb.....	491 35	54	A. S. Yeomans.....	49 28
10	W. B. Rossell.....	2 50	55	Foster Bros.....	214 04
11	C. G. Woodruff.....	362 50	56	B. C. R. & N. R. R. Co..	924 60
12	J. H. Carey.....	24 37	57	W. B. Smeallie.....	7 00
13	O. P. King.....	46 75	58	Pay roll.....	1400 88
14	W. P. Large.....	105 16	59	James Gray.....	7 90
15	T. W. Fawcett.....	47 00	60	H. B. Mason & Co.....	12 00
16	Fisher Bros.....	23 81	61	J. C. McGowan.....	16 52
17	S. Waggoner.....	4 00	62	W. M. Young.....	31 80
18	John Wiley.....	14 70	63	James Young.....	5 40
19	Independence Mills Co..	90 65	64	Martin Dingsly.....	18 62
20	John Wengert.....	11 25	65	F. M. Harris.....	59 37
21	John McGready.....	5 25	66	James Hamilton.....	4 50
22	Williams & Son.....	122 74	67	S. B. Olney.....	27 50
23	M. & V. W. Davis.....	33 52	68	C. H. Losure.....	8 84
24	Palmer, Winall & Co...	6 75	69	S. Hulett.....	4 68
25	Union Oil Co.....	25 25	70	L. A. Main.....	16 45
26	Crane Bros. Mfg Co....	29 10	71	A. Reynolds.....	35 11
27	Gray Bros.....	197 71	72	A. Reynolds.....	450 00
28	J. L. Mott, Iron Works..	23 45	73	G. B. Smeallie.....	250 00
29	Chas. J. Field.....	27 00	74	G. H. Hill.....	200 00
30	Harper, Reed & Co.....	24 48	75	Mrs. L. M. Gray.....	125 00
31	Stuart & Douglass.....	11 00	76	H. A. Hurlbut & Co....	121 44
32	Pomeroy & Olmstead..	18 50	77	Fisher Bros.....	35 07
33	John Mehlhop.....	41 49	78	John Mehlhop.....	348 76
34	West Union Cheese Fac.	13 94	79	Wemott, Howard & Co..	124 75
35	S. M. Leach.....	109 75	81	J. T. Olmstead.....	6 95
36	Charles Thomas.....	18 56	82	Harper, Reed & Co.....	10 80
37	C. H. Losure.....	6 40	83	H. & H. C. Fullerton...	1 50
38	W. H. H. Morse.....	190 85	84	Crane Bros. Mfg Co....	9 31
39	Kenyon & Tabor.....	32 86	85	Buchanan Co. Bulletin..	38 50
40	C. R. Wallace.....	15 33	86	Chas. Thomas.....	335 52
41	T. J. Marinus.....	49 77	87	Kenyon & Tabor.....	49 90
42	American Express Co..	9 00	88	Williams & Son.....	86 48
43	A. Hathaway.....	3 90	89	W. H. H. Morse.....	638 94
44	Independence Mfg Co..	2 50	90	S. Waggoner.....	6 80
45	E. B. Conable.....	1 20	91	Z. Stout.....	98 81

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
92	Independence Man'g Co.	\$ 23 90	145	Ill. Cent. R. R. Co.	\$ 24 19
93	John Wiley	21 00	146	W. T. Dale	25 40
94	Smale Bros.	5 00	147	American Express Co.	10 50
95	James C. Litts.	14 13	148	Davis & Son	10 36
96	Patrick O'Shea	15 58	149	John J. McGready	7 00
97	A. S. Yeoman	15 58	150	Barber & Kellogg	9 88
98	American Express Co.	14 20	151	Wm. Toman, P. M.	10 50
99	G. H. Robinson	28 23	152	Kenyon & Tabor	94 48
100	W. Wengert	3 12	153	W. H. H. Morse	68 91
101	B., C. R. & N. R. R. Co.	1875 11	154	C. R. Wallace	52 26
102	W. G. Donnan	80 17	155	S. Waggoner	11 00
103	Foster Bros	473 95	156	Williams & Son	73 82
104	Independence Mills Co.	289 36	157	A. Reynolds	20 50
105	Ill. Central R. R. Co.	9 60	158	Independence Mills Co.	187 90
106	Charles Kerwer	5 50	159	Fisher Bros	46 76
107	J. A. Rice	25 00	160	A. Hathaway	11 00
108	Hugh McClernon	14 25	161	E. C. Hartley	9 33
109	T. Edwards & Co.	3 15	162	John Mehlhop	513 12
110	H. B. Glover & Co.	35 11	163	H. A. Hurlbut & Co.	134 12
111	G. B. Smeallie	1 75	164	Crane Bros. Man'g Co.	38 57
112	Pay roll	1369 20	165	Palmer, Winall & Co.	6 50
113	H. B. Mason & Co.	12 00	166	Stuart & Douglass	11 00
114	W. M. Young	10 20	167	Oakley & Keating	17 78
115	Samuel Hulett	8 41	168	Union Oil Co.	63 85
116	Eddie Boggs	13 00	169	Foster Bros	549 48
117	James Young	7 92	170	B., C. R. & N. R. R. Co.	1228 41
118	A. B. Eaton	29 57	171	L. Z. Holderman	14 97
119	Martin Dingsley	12 00	172	W. B. Rossell	10 96
120	John Smith	40 00	173	G. H. Robinson	32 72
121	Mrs. A. B. Eaton	8 73	174	P. O'Shea	32 44
122	C. H. Losure	8 82	175	A. S. Yeomans	36 40
123	C. H. Losure	26 04	176	J. C. Litts	23 18
124	L. A. Main	14 98	177	Henry Pfozter	6 55
125	Patrick Lundy	42 75	178	R. McGill	22 56
126	Chas. R. Smith	13 63	179	Pay roll	1327 51
127	Chas. C. Smith	11 80	180	J. C. Rich	130 31
128	Geo. Fisher	25 25	181	G. B. Smeallie	105 50
129	John S. Bouck	15 48	182	David Borst	3 75
130	James Foreman	10 60	183	Patrick Connolly	5 07
131	C. M. Burritt	9 36	184	Patrick Kane	10 62
132	Wm. M. Young	28 10	185	Martin Dingsley	16 00
133	S. B. Olney	27 50	186	Lafayette Young	36 40
134	C. H. Losure	8 95	187	George Prince	1 50
135	S. Hulett	2 40	188	M. W. Mathis	4 92
136	Jas. Young	2 73	189	C. M. Burritt	5 90
137	J. C. McGowan	20 25	190	W. F. Curtis	11 12
138	M. & V. W. Davis	16 29	191	John Manwell	3 06
139	H. B. Mason & Co.	12 00	192	J. C. McGowan	4 41
140	M. & V. W. Davis	22 95	193	S. B. Olney	27 50
141	G. W. Harner	6 45	194	J. C. Litts	8 32
142	C. E. Benson	13 43	195	H. B. Mason & Co.	12 00
143	Peter Ferney	5 23	196	Thomas Jewell	22 00
144	Z. Stout	11 62	197	G. W. Harner	4 60

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
198	Samuel Hulett	\$ 7 80	251	Pay roll	1330 62
199	James Gray	83	252	John H. McKay	183 45
200	C. H. Losure	1 57	253	H. B. Mason & Co.	12 00
201	A. Reynolds	33 85	254	E. L. Hagerman	2 70
202	H. B. Bryant	22 50	255	Fonda & Beach	3 50
203	James Beckley	1 89	256	A. B. Eaton	3 24
204	American Express Co.	2 05	257	Martin Dingsley	7 25
205	Ill. Cent. R. R. Co.	27 39	258	John H. McKay	44 10
206	Wm. Toman, P. M.	32 80	259	J. Brandel	32 50
207	B., C. R. & N. R. R. Co.	1262 24	260	S. F. Searls	99 60
208	Independence Mills Co.	326 00	261	Fonda & Beach	8 75
209	Kenyon & Tabor	31 26	262	A. D. Gurnsey	25 20
210	Bain & Stites	280 42	263	C. M. Burritt	6 30
211	Fisher Bros	207 14	264	Patrick Connolly	5 04
212	Tabor & Son	1 75	265	G. W. Watkins	7 40
213	Davis & Son	7 60	266	S. B. Olney	27 50
214	Z. Stout	21 55	267	George W. Carr	262 99
215	C. F. Herrick	1 85	268	V. R. Beach	6 50
216	C. R. Wallace	16 44	269	Fisher Brothers	148 05
217	J. Barnett & Co.	8 05	270	Clark & Webber	3 50
218	John Wiley	6 90	271	Williams & Son	1 35
219	Hugh McClernon	5 35	272	A. B. Clarke	2 15
220	A. Hathaway	10 00	273	R. R. Plane	1 00
221	W. T. Dale	13 75	274	Kenyon & Tabor	37 69
222	John McGrady	8 00	275	George Hovey	75
223	Clark & Webber	7 25	276	Hugh McClernon	2 55
224	E. T. Williams	12 67	277	Independence M'fg Co.	10 30
225	Alexander Webster	2 00	278	A. Hathaway	1 75
226	A. S. Yeomans	8 45	279	John Wiley	3 10
227	W. Loisuer	6 77	280	Wm. Toman, P. M.	10 60
228	Mrs. A. B. Eaton	1 80	281	H. A. Hurlbut	234 47
229	Geo. Watkins	5 00	282	Lawton & Post	4 50
230	— Wengart	5 86	283	A. H. Frank	3 40
231	— Bryant	11 85	284	Tabor & Son	1 65
232	Morris Tasker & Co.	24 63	285	John Barnett & Co.	18 71
233	W. P. Large	18 25	286	Bain & Stites	52 00
234	Mart Alger	4 00	287	A. L. Williston	11 25
235	Marinius & Merrill	47 80	288	Edward L. Wilson	51 00
236	John Mehlhop	95 38	289	John M. Fisher	18 00
237	Crane Bros	7 75	290	Harper, Reed & Co.	46 91
238	Wemott, Howard & Co	59 65	291	G. W. Harner	7 02
239	Gray Brothers	266 81	292	O. Marquette	9 35
240	Harper, Reed & Co	13 85	293	Jesse Gray	4 50
241	Field, Leiter & Co.	315 11	294	T. S. Stone	8 10
242	Field, Leiter & Co.	51 59	295	Independence Mills Co.	187 25
243	P. O'Shea	53 37	296	J. C. Rich	21 33
244	G. H. Robinson	63 39	297	M. & V. W. Davis	3 78
245	M. & V. W. Davis	9 23	298	American Express Co.	14 05
246	Foster Brothers	675 44	299	Samuel Hulett	3 99
247	D. H. Brown & Co.	7 00	300	W. F. Curtis	8 47
248	V. R. Beach	3 50	301	W. M. Young	21 78
249	Independence M'fg Co.	8 77	302	W. F. Dale	7 05
250	George Hovey	3 50	303	John T. Hancock & Co.	8 15

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
304	James Vick.....	\$ 30 05	357	Independence M'fg Co.	\$ 16 05
305	A. Reynolds.....	450 00	358	Frank Megow.....	20 61
306	Mrs. L. M. Gray.....	125 00	359	Newton Bros.....	12 00
307	G. H. Hill.....	225 00	360	John Wiley.....	50 64
308	A. Reynolds.....	31 58	361	O. Marquette.....	17 00
309	Stuart & Douglas.....	5 00	362	Foster Bros.....	47 13
310	Noyes Appelman.....	147 25	363	P. O. Shea.....	2 98
311	Gray Brothers.....	255 29	364	G. H. Robinson.....	3 63
312	C. R. Wallace.....	13 90	365	John Mehlhop.....	6 24
313	Illinois Central R. R. Co.	9 60	366	Kenyon & Tabor.....	23 76
314	Burham & Sherwood...	3 00	367	Fisher Bros.....	56 26
315	James Young.....	2 21	368	W. T. Dale.....	17 95
316	G. H. Robinson.....	44 18	369	J. Evers.....	8 10
317	P. O. Shea.....	37 09	370	A. H. Frank.....	5 90
318	Foster Bros.....	361 49	371	B., C. R. & N. R. R. Co.	28 55
319	B., C. R. & N. R. R. Co.	830 08	372	John Wengert.....	4 25
320	Pay-roll.....	1327 10	373	H. B. Mason & Co.....	12 00
321	W. G. Donnan.....	93 11	374	C. R. Wallace.....	11 85
322	H. B. Mason & Co.....	12 00	375	Pay-roll.....	1358 87
323	A. B. Eaton.....	5 46	376	Fonda & Brace.....	8 23
324	S. W. Noyes.....	51 02	377	W. M. Young.....	12 33
325	Chas. Gilmore.....	28 12	378	John McKenna.....	4 47
326	C. E. Miller.....	56 55	379	John McKenna.....	8 00
327	S. B. Olney.....	27 50	380	Ella Delaney.....	3 06
328	E. Wilson.....	40 00	381	M. & V. W. Davis.....	15 38
329	Joseph Patterson.....	80 00	382	Urbana Wine Co.....	27 50
330	Thomas Jewell.....	19 00	383	John McKenna.....	6 21
331	Fonda & Beach.....	2 03	384	Samuel Hulett.....	26 50
332	C. G. Woodruff.....	52 53	385	S. B. Olney.....	27 50
333	Samuel Hulett.....	7 34	386	T. W. Fawcett.....	45 00
334	James Hickey.....	9 40	387	Mrs. L. S. Kinkade.....	29 00
335	James Gray.....	1 53	388	Mrs. A. B. Eaton.....	4 95
336	Wm. Toman.....	43 30	389	J. S. Bouck.....	8 75
337	N. B. Bryant.....	20 85	390	T. S. Stone.....	29 52
338	W. F. Curtis.....	9 54	391	J. F. McKenzie.....	35 50
339	A. Reynolds.....	32 60	392	L. B. Stevens.....	27 00
340	A. B. Eaton.....	5 28	393	T. S. Stone.....	64 45
341	Patrick Connolly.....	4 80	394	James Mitchell.....	36 00
342	J. C. McGowan.....	9 67	395	Samuel Hulett.....	10 10
343	J. D. Sharp.....	8 50	396	James Gray.....	38 50
344	M. & V. W. Davis.....	5 67	397	John McKenna.....	9 52
345	Martin Dingsley.....	48	398	J. C. McGowan.....	11 98
346	J. S. Bouck.....	93	399	G. W. Harner.....	12 78
347	T. S. Stone.....	2 97	400	M. & V. W. Davis.....	45 09
348	G. W. Harner.....	2 88	401	A. Reynolds.....	40 64
349	Independence Mills Co.	214 95	402	Ill. Cent. R. R. Co.....	20 90
350	American Express Co...	1 60	403	C. H. Losure.....	2 79
351	W. P. Large.....	38 82	404	John Wiley.....	2 40
352	Chamberlin & Bachus..	15 00	405	Alex. Webster.....	3 75
353	Gray Bros.....	14 11	406	Bain & Stites.....	332 20
354	S. Waggoner.....	4 35	407	Fisher Bros.....	74 05
355	Bain & Stites.....	289 92	408	John McGready.....	2 95
356	Ill. Cent. R. R. Co.....	18 10	409	W. F. Dale.....	32 85

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
410	O. Marquette.....	\$ 1 70	463	James Young.....	\$ 23 67
411	C. R. Wallace.....	6 70	464	L. M. Whitney.....	22 72
412	S. Waggoner.....	1 38	465	S. B. Olney.....	27 50
413	Harper, Reed & Co.....	65 31	466	J. C. McGowan.....	26 02
414	Charles J. Field.....	5 40	467	A. Reynolds.....	24 70
415	Stuart & Douglas.....	5 00	468	J. S. Bouck.....	21 56
416	John Mehlhop.....	22 56	469	A. Reynolds.....	450 00
417	Union Oil Co.....	21 08	470	G. H. Hill.....	225 00
418	Lawton & Post.....	8 62	471	Mrs. L. M. Gray.....	125 00
419	H. A. Hurlbut.....	154 45	472	W. F. Curtis.....	30 23
420	Field, Leiter & Co.....	104 10	473	B., C. R. & N. R. R. Co.	176 28
421	Field, Leiter & Co.....	198 38	474	Ill. Cent. R. R. Co.....	35 75
422	Field, Leiter & Co.....	51 45	475	Noyes Appelman.....	250 00
423	Hugh McClernon.....	7 30	476	Henry W. King & Co...	43 17
424	Z. Stout.....	16 58	477	Samuel Hulett.....	12 57
425	B., C. R. & N. R. R. Co.	30	478	Charles Marsh.....	110 00
426	Clark & Webber.....	6 75	479	American Express Co...	4 70
427	W. U. Tel. Co.....	2 45	480	Post & Sweet.....	21 96
428	John Wengert.....	3 00	481	Hugh McClernon.....	5 00
429	Independence Mills Co.	259 33	482	A. Hathaway.....	3 33
430	Kenyon & Tabor.....	51 41	483	J. Sweet.....	4 05
431	P. O. Shea.....	11 75	484	C. R. Wallace.....	9 22
432	G. H. Robinson.....	25 43	485	Fisher Bro's.....	179 68
433	M. A. Benson.....	10 80	486	Bain & Stites.....	343 15
434	L. J. Whitney.....	10 30	487	Independence M'fg Co.	10 80
435	Tabor & Son.....	4 00	488	G. W. Harner.....	17 10
436	— Fary.....	8 50	489	Palmer, Winall & Co...	8 00
437	H. B. Mason & Co.....	6 00	490	A. Reynolds.....	79 80
438	T. S. Stone.....	10 35	491	J. C. Rich.....	42 55
439	C. E. Benson.....	11 79	492	Ensminger Bro's.....	20 22
440	Martin Dingsley.....	3 00	493	W. E. Kellogg.....	1 30
441	Field, Leiter & Co.....	94 26	494	Stuart & Douglas.....	5 75
442	W. F. Curtis.....	22 82	495	W. M. Young.....	16 94
443	American Express Co...	3 55	496	Wm. Toman.....	70 20
444	Pay-roll.....	1367 47	497	Shaver & Dows.....	5 76
445	L. B. Stevens.....	7 92	498	Wemott, Howard & Co.	8 48
446	J. Day.....	9 17	499	Bramhall, Deane & Co.	3 50
447	V. R. Beach.....	35 00	500	Gray Bros.....	21 74
448	J. A. Phillips.....	76 44	501	Eber & Walters.....	2 15
449	John McKenna.....	1 78	502	Crane Brothers M'fg...	36 07
450	Henry W. King & Co...	15 51	503	J. E. Fisher.....	15 06
451	A. Fogel.....	30 00	504	W. M. Young.....	15 60
452	Field, Leiter & Co.....	6 00	505	Kenyon & Tabor.....	43 43
453	James Gray.....	4 50	506	Independence Mills Co.	261 87
454	C. E. Benson.....	12 80	507	W. G. Donnan.....	65 16
455	James Glenny.....	26 80	508	Harper, Reed & Co.....	38 49
456	W. A. Jones.....	35 50	509	W. T. Dale.....	21 90
457	James M. Houck.....	2 64	510	Thos. Barnett.....	5 70
458	John Manwell.....	1 91	511	Frank Megow.....	83 98
459	George Lowry.....	24 35	512	H. G. Brainard.....	26 65
460	George Carr.....	35 50	513	G. H. Robinson.....	25 60
461	Levi Burch.....	31 36	514	P. O'Shea.....	29 46
462	M. A. Benson.....	23 97	515	Foster Brothers.....	54 60

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
516	Pay roll	\$1371 07	569	P. O. Shea	\$ 27 95
517	Jacob Hohl	230 17	570	Geo. Parks & Brothers ..	18 50
518	A. Vogel	25 00	571	Hamilton & Amidon ..	47 91
519	Margaret Shannon	6 12	572	Foster & Bros.	21 52
520	M. D. Ozias	6 50	573	G. H. Robinson	30 42
521	Field, Leiter & Co	87 33	574	Independence Mills Co.	254 78
522	Field, Leiter & Co	328 31	575	James Young	28 32
523	Oscar Burns	17 25	576	W. H. Chamberlin	6 50
524	C. A. Marsh	34 40	577	Frank Sroufe	2 88
525	G. W. Watkins	32 50	578	Fost & Sweet	12 90
526	F. W. Fawcett	41 00	579	Martin Dingsley	4 50
527	J. C. McGowan	9 60	580	Morris Tasker & Co.	8 85
528	C. E. Benson	9 48	581	R. R. Plane	5 40
529	L. B. Stevens	17 76	582	Pay-roll	1425 57
530	C. H. Stewart	5 30	583	David Borst	25 28
531	C. A. Marsh	72 72	584	Jacob Hohl	82 00
532	Thos. Netcott	4 70	585	David Borst	7 14
533	Samuel Hulett	9 30	586	J. C. McGowan	18 90
534	W. F. Curtis	32 10	587	A. M. Allen	18 00
535	L. J. Whitney	24 98	588	Jeremiah Boland	15 00
536	Harmon Luloff	21 15	589	Cora Kimball	15 00
537	A. Reynolds	22 75	590	Samuel Lucas	6 00
538	J. M. Houck	10 45	591	John Artis	8 10
539	A. B. Eaton	22 94	592	D. S. Deering	14 00
540	M. Mason	42 72	593	S. F. Searls	110 75
541	Mary A. Davis	8 00	594	Thomas Shanron	139 25
542	B., C. R. & N. R. R. Co.	278 95	595	T. F. Curtis	6 00
543	Illinois Central R. R. Co.	76 10	596	R. Raymond	2 50
544	Wm. Toman	8 50	597	— Klotzback	1 50
545	John Wiley	6 55	598	Mrs. L. S. Kinkade	22 50
546	Kenyon & Tabor	67 07	599	William Toman	11 00
547	Smale Bros.	5 40	600	Illinois Central R. R. Co.	146 00
548	C. R. Wallace	16 10	601	American Express Co.	1 85
549	Z. Stout	28 25	602	B., C. R. & N. R. R. Co.	4 64
550	Stewart & Douglas	5 00	603	Thomas Shannon	54 00
551	S. Waggoner	5 57	604	A. Reynolds	59 50
552	Hitchcock & Walker ..	35 30	605	W. P. Large	23 04
553	John Mehlhop	176 64	606	P. O. Shea	20 53
554	Henry R. Worthington ..	23 00	607	G. H. Robinson	20 35
555	H. A. Hurlbut & Co.	106 44	608	Martin Dingsley	7 50
556	Urbana Wine Co.	41 50	609	James Young	21 34
557	John McGready	5 20	610	J. C. Rich	59 69
558	Bain & Stites	376 44	611	W. F. Curtis	11 59
559	W. P. Large	49 05	612	Samuel Hulett	8 78
560	Fisher Bros	302 64	613	— Houck	18 66
561	Rebman & Henion	22 38	614	H. G. Clark	50 00
562	American Express Co.	2 80	615	Crane Bros. Man'g Co.	34 62
563	G. W. Harner	12 78	616	Thomas Netcott	9 00
564	C. H. Losure	5 59	617	Fisher Bros	161 70
565	M. A. Benson	5 85	618	Henry W. King & Co.	126 00
566	J. S. Bouck	12 50	619	Conrad Reid	8 12
567	James Frame	17 20	620	G. W. Harner	9 60
568	Consolidation Coal Co.	29 75	621	Yeager & Co.	11 75

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
622	C. E. Benson	\$ 27 66	675	Field, Leiter & Co.	\$ 4 68
623	A. B. Eaton	9 48	676	A. Reynolds	600 00
624	L. J. Whitney	12 67	677	G. H. Hill	300 00
625	Edward Playford	55 00	678	H. G. Brainard	166 67
626	H. A. Hurlbut & Co.	28 00	679	Mrs. L. M. Gray	166 67
627	Stuart & Douglas	10 00	680	Noyes Appelman	333 33
628	Wemott, Howard & Co.	14 15	681	A. Reynolds	81 50
629	J. Day	6 96	682	S. B. Olney	21 50
630	J. C. McGowan	8 97	683	Thomas Netcott	36 03
631	Roger McGill	14 99	684	Samuel Hulett	9 84
632	A. Hathaway	11 80	685	S. F. Searls	643 38
633	William Marshall	71 85	686	G. W. Harner	8 16
634	Post & Sweet	32 98	687	C. M. Burrett	3 36
635	C. R. Wallace	20 72	688	J. D. Russell	24 00
636	Kenyon & Tabor	39 73	689	Wm. Larabee	92 50
637	Ottoman Cahoe Co.	89 50	690	L. A. Main	13 75
638	Bain & Stites	279 82	691	W. F. Curtis	37 02
639	Independence Mills Co.	239 15	692	L. B. Stevens	45 54
640	Consolidation Coal Co.	104 55	693	James O'Brien	6 00
641	L. Thalheimer	4 50	694	Chas. Thomas, Sr.	5 16
642	Pay roll	1391 31	695	J. C. McGowan	13 74
643	C. C. Caldwell	4 43	696	C. H. Losure	2 70
644	W. B. Rossell	6 00	697	W. M. Young	19 92
645	John Gilmore	23 78	698	David Borst	7 27
646	American Express Co.	1 90	699	Fanny Mason	28 58
647	William Toman	42 80	700	J. M. Houck	19 76
648	Mrs. L. S. Kinkade	25 50	701	A. B. Eaton	18 66
649	Bramhall, Deane & Co.	16 00	702	Conrad Reid	19 29
650	Palmer, Winall & Co.	42 50	703	John McGready	9 00
651	John Dorsett	4 50	704	Smale Brothers	6 50
652	A. L. Williston	11 25	705	John Wengert	12 00
653	Stuart & Douglas	9 00	706	Clark & Webber	14 45
654	Field, Leiter & Co.	114 84	707	Thomas Barnett	8 85
655	Novelty Iron Works	33 45	708	Roger McGill	17 43
656	John M. Fisher	18 00	709	Kenyon & Tabor	91 11
657	R. Krause	33 00	710	C. R. Wallace	39 00
658	Shaver & Dows	26 45	711	John Barnett	39 16
659	Wemott, Howard & Co.	13 40	712	W. P. Large	110 25
660	Crane Bros. Man'g Co.	29 12	713	L. J. Whitney	18 36
661	August Meyers	5 20	714	A. B. Clarke	2 25
662	Union Oil Co.	20 16	715	W. H. H. Morse	2 64
663	H. & H. C. Fullerton	1 25	716	Independence Mills Co.	560 01
664	John Burke	11 30	717	Metropolitan W. M. Co.	117 60
665	John Gorman	32 00	718	Field, Leiter & Co.	74 68
666	Urbana Wine Co.	55 62	719	H. A. Hurlbut & Co.	277 81
667	Ill. Cent. R. R. Co.	639 43	720	J. T. Olmstead	17 95
668	Consolidation Coal Co.	301 32	721	Bain & Stites	1077 37
669	B., C. R. & N. R. R. Co.	2 62	722	John Wiley	64 33
670	Naumberg K., L. & Co.	32 77	723	Post & Sweet	46 16
671	Henry W. King & Co.	79 32	724	Z. Stout	117 35
672	Chas. J. Field	8 10	725	Henry Pfoetzer	40 05
673	Field, Leiter & Co.	406 06	726	Wm. Toman	48 30
674	Field, Leiter & Co.	214 06	727	J. S. Bouck	65 84

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
728	Hugh McClernon.....	\$ 16 65	781	Anna E. Willard.....	\$ 2 40
729	R. R. Plane.....	16 70	782	M. A. Benson.....	4 20
730	A. Hathaway.....	16 55	783	Felix Shannon.....	10 00
731	J. C. Rich.....	190 97	784	John Borden.....	11 20
732	Frank Megon.....	211 52	785	E. C. Clark.....	105 15
733	John Whitfield & Son..	161 00	786	T. W. Fawcett.....	43 00
734	E. B. Conable.....	1 75	787	J. M. Houck.....	16 98
735	E. H. Appelmann.....	9 50	788	M. J. Hickey.....	8 30
736	Fisher Bros.....	158 08	789	James Beckley.....	10 25
737	Martin Dingsley.....	10 50	790	J. M. Kenney.....	6 75
738	James Young.....	83 40	791	Martin Dingsley.....	19 17
739	George W. Watkins.....	352 65	792	John Duffy.....	5 76
740	Wm. Toman.....	8 00	793	American Express Co..	3 75
741	Tabor & Tabor.....	1 23	794	Joseph Stumph.....	20 25
742	M. Baker.....	13 10	795	S. B. Olney.....	24 50
743	C. F. Herrick.....	5 15	796	E. C. Clark.....	17 55
744	American Express Co..	6 55	797	A. Brown.....	8 10
745	W. T. Dale.....	41 65	798	James O'Brien.....	6 20
746	Wemott, Howard & Co.	7 30	799	Samuel Hulett.....	12 42
747	Wm. Crown.....	7 54	800	H. G. Brainerd.....	150 00
748	James Buckley.....	2 28	801	O. Marquette.....	29 55
749	L. J. Whitney.....	11 76	802	G. H. Hill.....	225 00
750	Independence M'fg Co.	3 75	803	Noyes Appelman.....	250 00
751	Ill. Cent. R. R. Co.....	595 74	804	Mrs. L. M. Gray.....	125 00
752	L. M. Dodge.....	3 50	805	A. H. Hurlbut & Co....	280 91
753	G. H. Robinson.....	98 44	806	George Hovey.....	75
754	P. O. Shea.....	106 71	807	J. W. Russell.....	38 00
755	O. Marquette.....	41 90	808	Novelty Iron Works...	83 47
756	W. G. Donnan.....	50 27	809	Drees Bros.....	31 10
757	S. Waggoner.....	21 96	810	E. H. Kellogg.....	28 00
758	Consolidation Coal Co..	390 55	811	O. F. Hodge.....	6 00
759	Pay roll for August....	1536 93	812	C. F. Nefzger.....	20 00
760	Pay roll for September.	1456 65	813	Union Oil Co.....	30 32
761	L. Thalheimer.....	5 50	814	Ottoman, Cahoe & Co.	41 00
762	Wm. Rowland.....	99 40	815	W. H. Chamberlin.....	93 25
763	A. B. Eaton.....	15 75	816	L. B. Walker.....	77 18
764	J. A. Fuller.....	20 75	817	A. S. Hixon.....	50 00
765	J. M. Robinson.....	8 25	818	Bonniwell & Dickson..	17 80
766	Martin Dingsley.....	6 99	819	George Parks & Bro....	18 50
767	L. B. Stevens.....	24 15	820	H. W. Johns M'fg Co..	50 80
768	David Borst.....	52 35	821	M. Reitler.....	48 75
769	T. O. Neill.....	17 63	822	Shave & Dows.....	14 20
770	J. M. Kenney.....	12 97	823	J. Merrill.....	13 30
771	Martin Dingsley.....	4 00	824	R. S. Searls.....	178 18
772	Wm. Crown.....	20 85	825	— Forney.....	6 50
773	J. M. Houck.....	9 45	826	Michael Cummings.....	20 00
774	American Express Co..	3 60	827	— Wengert.....	10 00
775	James Gray.....	4 50	828	Owen Duffy.....	4 92
776	Samuel Hulett.....	7 21	829	J. A. Miller.....	20 40
777	Conrad Reid.....	8 13	830	W. A. Jones.....	955 57
778	J. F. Robinson.....	1 84	831	E. Leach.....	164 16
779	Wm. Hilton.....	9 00	832	A. Reynolds.....	500 00
780	C. H. Losure.....	9 00	833	Williams & Son.....	75
			834	Crane Bros. M'fg Co..	97 09

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
835	Field, Leiter & Co.....	\$ 80 94	888	W. F. Curtis.....	\$ 93 82
836	L. B. Stevens.....	37 76	889	R. R. Plane.....	2 73
837	— Moson.....	28 44	890	John V. Farwell & Co.	314 83
838	Martin Dingsley.....	4 70	891	Palmer, Winall & Co...	15 00
839	L. J. Whitney.....	37 72	892	A. B. Clark.....	4 50
840	J. Day.....	6 63	893	C. F. Herrick.....	8 00
841	Conrad Reid.....	17 87	894	A. Hathaway.....	25 75
842	C. H. Losure.....	1 75	895	W. G. Donnan.....	90 87
843	G. W. Harner.....	10 89	896	Ill. Cent. R. R. Co....	2038 26
844	James Young.....	24 34	897	Consolidation Coal Co..	1053 43
845	J. F. Robinson.....	7 92	898	G. H. Robinson.....	154 76
846	Henry Cook.....	10 35	899	P. O. Shea.....	142 07
847	W. M. Young.....	66 20	900	W. E. Kellogg.....	7 50
848	J. S. Bouck.....	12 97	901	C. L. Thomas.....	8 00
849	Wm. Crown.....	27 36	902	Pay-roll for quarter...	4142 81
850	G. W. Watkins.....	13 82	903	M. A. Benson.....	9 18
851	R. Stewart.....	58 32	904	Edwin Grunsley.....	6 40
852	T. S. Stone.....	56 90	905	W. G. Kenyon.....	102 38
853	Roger McGill.....	25 97	906	M. A. Benson.....	10 88
854	A. B. Eaton.....	22 13	907	George Brooks.....	10 00
855	A. H. Frank.....	8 90	908	S. B. Olney.....	24 50
856	Hugh McClernon.....	7 00	909	M. A. Benson.....	5 40
857	Rock Island Glass Co..	6 60	910	M. A. Benson.....	4 40
858	William Marshall.....	105 38	911	S. B. Olney.....	24 50
859	John Wengert.....	5 25	912	James Hickey.....	6 00
860	Post & Sweet.....	333 29	913	Martin Dingsley.....	9 37
861	W. T. Dale.....	37 15	914	Wm. Gale.....	6 00
862	Smabe Brothers.....	13 90	915	R. S. Searles.....	668 09
863	Hansen & Linehan....	3 83	916	N. B. Bryant.....	9 70
864	Urbana Wine Co.....	92 25	917	Ebzy Wilson.....	128 59
865	S. Waggoner.....	14 87	918	Edwards & Co.....	6 00
866	Wemott, Howard & Co.	55 59	919	George Goeller.....	2 70
867	C. R. Wallace.....	149 55	920	R. O'Brien.....	2 70
868	American Express Co..	4 15	921	J. W. Johnson.....	3 00
869	Bain & Stites.....	680 57	922	R. McGill.....	8 95
870	Fisher & Bros.....	981 28	923	Samuel Hulett.....	3 51
871	John Wiley.....	114 21	924	S. B. Olney.....	24 50
872	J. C. Rich.....	150 18	925	A. Reynolds.....	500 00
873	W. H. Chamberlin.....	16 50	926	G. H. Hill.....	225 00
874	Kellogg & Barrett.....	900 63	927	H. G. Brainerd.....	150 00
875	John Barrett.....	26 94	928	Mrs. L. M. Gray.....	125 00
876	Clark & Webber.....	11 00	929	Noyes Appelman.....	250 00
877	Independence Mills Co.	938 06	930	G. W. Watkins.....	29 85
878	Kenyon & Tabor.....	124 18	931	Stuart & Douglas.....	8 00
879	A. Reynolds.....	149 02	932	Newton Bros.....	73 28
880	Wm. Toman, P. M.....	69 30	933	J. S. Bouck.....	30 00
881	John McGready.....	9 80	934	J. F. Robinson.....	6 43
882	John H. McKay.....	16 37	935	Jas. Young.....	58 60
883	Z. Stout.....	126 51	936	T. S. Stone.....	72 25
884	E. Zinn.....	3 12	937	M. Stuart.....	37 89
885	Foster Brothers.....	82 10	938	J. F. Robinson.....	21 42
886	W. P. Large.....	175 45	939	R. Stewart.....	106 83
887	B., C. R. & N. R. R. Co.	171 53	940	Wm. Crown.....	18 63

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
941	L. B. Stevens.....	\$ 5 20	995	M. Reitler.....	\$ 381 10
942	J. W. Russell.....	24 00	996	S. Waggoner.....	21 38
943	M. A. Benson.....	12 60	997	Smale Bro's.....	4 30
944	W. F. Curtis.....	35 13	998	John Wiley.....	14 39
945	A. B. Eaton.....	42 63	999	Henry R. Worthington..	23 00
946	Henry Cook.....	2 45	1000	John Barnett.....	14 53
947	Henry Cook.....	25 82	1001	R. R. Plane.....	12 52
948	Conrad Reid.....	8 59	1002	Novelty Iron Works...	2 44
949	Conrad Reid.....	34 16	1003	Henry W. King & Co....	14 35
950	John Williamson.....	2 72	1004	Kellogg & Barrett.....	255 87
951	Post & Sweet.....	34 83	1005	A. Vinton.....	20 87
952	W. E. Kellogg.....	10 00	1006	A. E. North.....	6 40
953	A. H. Blake.....	28 15	1007	Clark & Loveday.....	40 63
954	Independence M'f'g Co..	4 92	1008	B. & M. Coal & Land Co	50 78
955	W. H. Dale.....	10 50	1009	Crooked Creek Coal Co..	22 14
956	A. H. Frank.....	24 41	1010	Shaver & Dows.....	16 35
957	Z. Stout.....	47 83	1011	F. H. Armstrong & Co..	270 90
958	Hansen & Linehan.....	6 35	1012	Kellogg & Barrett.....	175 28
959	Wait & Co.....	2 00	1013	Kellogg & Barrett.....	174 18
960	J. L. Mott Iron Works..	9 34	1014	Field, Leiter & Co.....	61 20
961	W. P. Large.....	87 80	1015	Field, Leiter & Co.....	8 00
962	Henry R. Worthington..	17 60	1016	Field, Leiter & Co.....	122 16
963	American Express Co...	8 70	1017	Field, Leiter & Co.....	603 60
964	C. H. Talmadge & Co....	37 50	1018	Field, Leiter & Co.....	31 00
965	C. R. & E. T. Smith.....	23 37	1019	Field, Leiter & Co.....	63 50
966	M. Stewart.....	4 32	1020	Field, Leiter & Co.....	95 50
967	R. Stewart.....	19 78	1021	James Vick.....	27 22
968	W. M. Young.....	88 90	1022	Crane Bros M'f'g Co....	31 99
969	L. J. Whitney.....	16 78	1023	H. A. Hurlbut & Co....	268 50
970	G. H. Harner.....	13 07	1024	Wemott, Howard & Co..	6 80
971	Wm. Toman, P. M.....	42 60	1025	Consolidation Coal Co..	919 49
972	A. Hathaway.....	11 95	1026	W. E. Kellogg.....	12 40
973	Gregory & Beach.....	12 00	1027	A. Reynolds.....	96 28
974	C. R. Wallace.....	42 64	1028	Noyes Appelman.....	13 75
975	Bain & Stites.....	1459 10	1029	O. Marquette.....	83 05
976	Wm. Toman.....	77 75	1030	B., C. R. & N. R. R. Co..	138 18
977	John Wengert.....	17 75	1031	Ill. Cent. R. R. Co.....	1551 00
978	Clark & Webber.....	11 70	1032	Ill. Cent. R. R. Co.....	29 48
979	J. C. Rich.....	40 29	1033	Ill. Cent. R. R. Co.....	3 17
980	A. S. Barnes & Co.....	7 80	1034	W. S. Boggs.....	112 50
981	Bain & Stites.....	33 80	1035	W. G. Donnan.....	92 88
982	Tabor & Tabor.....	13 95	1036	Pay roll for filling ice h'se	54 87
983	John McGready.....	14 60	1037	Pay roll for quarter end- ing March 31.....	4213 55
984	Independence Mills Co..	474 40	1038	J. J. Travis.....	5 25
985	Kenyon & Tabor.....	91 91	1039	Jane Wilson.....	12 00
986	P. O. Shea.....	65 42	1040	J. F. McArthur.....	12 16
987	G. H. Robinson.....	77 86	1041	C. Stevens.....	40 32
988	Fisher Bros.....	134 78	1042	R. S. Searls.....	193 25
989	J. A. Fuller.....	1 25	1043	Edwards & Co.....	7 20
990	Hugh McClernon.....	13 95	1044	W. A. Jones.....	40 00
991	Brownwell & Dickson..	6 40	1045	W. A. Jones.....	36 00
992	Gregory & Beach.....	50 50	1046	Galvano Faraddie M'f'g Co.....	50 00
993	T. F. Curtis.....	17 50			
994	T. J. Marinius.....	27 80			

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
1047	John McArthur.....	\$ 9 25	1100	S. T. Bryant.....	\$ 6 37
1048	Mrs. L. S. Kinkade.....	25 00	1101	Newton Bros.....	109 09
1049	T. W. Fawcett.....	42 00	1102	Henry Cook.....	6 22
1050	S. B. Olney.....	24 50	1103	R. Stewart.....	79 72
1051	J. F. McArthur.....	2 00	1104	Wm. Crown.....	6 57
1052	American Express Co..	8 95	1105	Crane Bros.....	40 28
1053	Henry Clark.....	100 00	1106	W. M. Young.....	69 10
1054	T. S. Stone.....	7 25	1107	D. H. Conningham.....	107 75
1055	Jesse Gray.....	5 00	1108	R. S. Searls.....	175 00
1056	S. B. Olney.....	24 50	1109	H. A. Hurlbut & Co....	148 78
1057	Wm. Gale.....	2 75	1110	Urbana Wine Co.....	57 60
1058	J. S. Bouck.....	3 69	1111	M. Reitler.....	18 45
1059	John T. McArthur.....	9 38	1112	Farley & Wolcott.....	26 21
1060	James Glenney.....	35 00	1113	Clark & Loveday.....	63 38
1061	Bain & Stites.....	12 60	1114	O. Marquette.....	60 48
1062	Edwards & Co.....	2 10	1115	Crane Bros. M'f'g Co. ...	51 33
1063	D. B. Bennett.....	32 45	1116	National Tube Works..	5 60
1064	Wm. A. Jones.....	33 00	1117	Stuart & Douglas.....	17 50
1065	John Lafferty.....	3 95	1118	Paul Ellings.....	16 17
1066	Mrs. L. S. Kinkade.....	25 00	1119	Hanson & Linehan.....	4 75
1067	T. S. Stone.....	5 09	1120	— Herald.....	9 00
1068	Amanda M. Sheridan..	6 00	1121	H. W. Johns M'f'g Co..	7 80
1069	W. M. Young.....	20 55	1122	A. L. Jones.....	99 00
1070	S. F. Searls.....	67 68	1123	James Foreman.....	3 40
1071	W. P. Large.....	52 63	1124	C. E. Benson.....	29 25
1072	W. P. Large.....	20 30	1125	W. T. Dale.....	25 60
1073	American Express Co..	2 00	1126	Hugh McClernon.....	22 85
1074	S. D. McLain.....	30 00	1127	Clark & Webber.....	13 85
1075	S. F. Searls.....	30 54	1128	John Wengert.....	24 25
1076	Thos. Shannon.....	110 96	1129	Fisher Bros.....	77 15
1077	S. Kline.....	7 07	1130	John Wiley.....	47 59
1078	Mathew Walameir.....	26 00	1131	Independence Mills Co..	806 06
1079	Geo. Josselyn, cons. ac't.	7 00	1132	C. R. Wallace.....	77 24
1080	Wm. A. Jones.....	26 50	1133	Post & Sweet.....	135 67
1081	S. B. Olney.....	24 50	1134	Smale Bros.....	81 20
1082	F. W. Loy.....	4 50	1135	R. R. Plane.....	91 94
1083	Sam. C. Hulett.....	16 57	1136	Kenyon & Tabor.....	65 39
1084	J. F. McArthur.....	7 87	1137	Times Co.....	7 70
1085	R. O'Brien.....	2 70	1138	A. Boyack.....	17 23
1086	E. A. North.....	3 80	1139	Samuel Hulett.....	8 99
1087	Henry R. Worthington..	23 00	1140	J. M. Houck.....	38 54
1088	Caswell Fire Dep. S. Co.	51 05	1141	G. W. Harner.....	37 52
1089	J. A. Fowler.....	7 00	1142	James Young.....	96 18
1090	Crane Bros. M'f'g Co..	36 17	1143	Wm. Toman, P. M.....	80 80
1091	Union Oil Co.....	25 94	1144	L. J. Whitney.....	40 83
1092	Paine, Ablett & Co....	146 16	1145	G. W. Watkins.....	15 04
1093	James Burns.....	8 00	1146	W. F. Curtis.....	128 86
1094	J. J. Boetcher.....	8 80	1147	A. B. Eaton.....	68 46
1095	E. M. Bissell.....	28 23	1148	G. W. Watkins.....	17 47
1096	C. D. Jones.....	15 00	1149	John Williamson.....	24 67
1097	Cedar Rapids G. L. Co..	30 66	1150	Conrad Reid.....	43 99
1098	Dimock, Gould & Co....	3 60	1151	— Kelley.....	7 77
1099	J. A. Green.....	15 50	1152	Roger McGill.....	20 15

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
1153	Tabor & Tabor.....	\$ 2 00	1206	Pay roll for quarter....	\$ 4429 94
1154	Bain & Stites.....	136 59	1207	George Sheridan.....	8 75
1155	Bain & Stites.....	57 25	1208	John F. McArthur.....	7 92
1156	H. A. Hurlbut & Co....	115 47	1209	Robert Krause.....	61 30
1157	Whait & Co.....	10 00	1210	Mrs. Ann Weart.....	3 54
1158	F. B. Bonniwell.....	3 50	1211	T. W. Fawcett.....	43 00
1159	Wemott, Howard & Co..	5 00	1212	Field, Leiter & Co.....	49 98
1160	Wemott, Howard & Co..	47 80	1213	John Corton.....	13 35
1161	Smith, Cook & Co.....	28 15	1214	P. French.....	26 32
1162	Smith, Cook & Co.....	19 14	1215	Daniel Smyser.....	30 96
1163	A. B. Clarke.....	27 25	1216	Wm. Bruce.....	30 00
1164	R. Krause.....	109 02	1217	M. A. Benson.....	4 50
1165	J. W. Lamb.....	7 50	1218	American Express Co..	11 65
1166	Field, Leiter & Co.....	11 62	1219	Western Union Tel. Co.	1 14
1167	Field, Leiter & Co.....	16 30	1220	W. M. Young.....	141 60
1168	Field, Leiter & Co.....	427 16	1221	P. P. Hayes.....	4 94
1169	A. Reynolds.....	107 65	1222	W. P. Large.....	55 51
1170	Noyes Appelman.....	13 24	1223	John Spece.....	7 00
1171	Mrs. Ann Weart.....	5 83	1224	W. P. Large & Co.....	40 85
1172	Bain & Stites.....	32 25	1225	E. I. Foster & Co.....	42 00
1173	Independence Mills Co.	67 05	1226	Martin Dingsley.....	4 25
1174	G. H. Hill.....	225 00	1227	Frederick Aldrich.....	4 00
1175	H. G. Brainard.....	150 00	1228	C. M. Burritt.....	3 43
1176	Mrs. L. M. Gray.....	125 00	1229	M. A. Benson.....	6 75
1177	A. Reynolds.....	500 00	1230	Mrs. Ann Weart.....	12 30
1178	Noyes Appelman.....	250 00	1231	James Gray.....	6 00
1179	S. Waggoner.....	9 95	1232	Field, Leiter & Co.....	16 92
1180	John Burnett & Co....	105 07	1233	Ann Ferney.....	6 05
1181	J. W. Russell.....	24 00	1234	Wm. Bailey.....	8 62
1182	P. Nicklaus.....	35 00	1235	J. T. Olmstead.....	6 65
1183	A. H. Fonda.....	2 95	1236	C. C. Cadwell.....	2 62
1184	R. O'Brien.....	7 50	1237	Mrs. Ann Weart.....	3 75
1185	A. L. Williston.....	11 00	1238	James Hickey.....	3 28
1186	Gregory & Beach.....	57 80	1239	S. B. Olney.....	24 50
1187	J. L. Mott Iron Works.	18 55	1240	Jesse Merrill.....	18 00
1188	J. M. Fisher.....	18 00	1241	S. L. Thomas.....	7 35
1189	W. P. Large.....	33 58	1242	H. A. Harmurn.....	24 22
1190	O. Marquette.....	11 20	1243	Robert Mount.....	4 12
1191	C. F. Herrick.....	11 40	1244	Wm. Bruce.....	35 00
1192	B., C. R. & N. R. R. Co.	40 63	1245	John Burkhead.....	5 42
1193	Ill. Cent. R. R. Co....	174 47	1246	American Express Co..	2 55
1194	W. E. Kellogg.....	29 92	1247	M. A. Benson.....	24 65
1195	J. C. Rich & Co.....	83 15	1248	J. T. McArthur.....	8 00
1196	James Collins.....	283 50	1249	Griffin Bowker.....	6 00
1197	American Express Co..	7 20	1250	J. Robinson.....	1 68
1198	M. J. Baker.....	122 87	1251	Louis Schmidt.....	27 40
1199	Morris, Tasker & Co...	17 20	1252	S. T. Searls.....	106 65
1200	Mary A. Davis.....	5 10	1253	Peter Habermaner.....	1 35
1201	Wm. H. Rumpf.....	995 25	1254	James Schrack.....	1 00
1202	Z. Stout.....	125 99	1255	E. I. Foster & Co.....	66 60
1203	W. G. Donnan.....	81 59	1256	Mrs. Ann Weart.....	4 55
1204	Geo. B. Vastine.....	10 00	1257	Mrs. Ann Ferney.....	8 50
1205	Ill. Cent. R. R. Co....	31 50	1258	Martin Dingsley.....	5 25

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
1259	T. W. Fawcett.....	\$ 41 00	1312	Palmer, Winall & Co....	\$ 16 00
1260	Jesse Gray.....	11 09	1313	Yeager & Co.....	5 20
1261	Wm. Bruce.....	9 67	1314	E. Zinn & Co.....	6 60
1262	G. W. Harner.....	21 69	1315	Gregory & Beach.....	41 03
1263	C. M. Burritt.....	7 52	1316	Wemott, Howard & Co..	20 40
1264	Maria Emmery.....	1 70	1317	John F. Hancock & Son	1059 55
1265	A. F. Bingham.....	116 68	1318	Bain & Stites.....	75 49
1266	Lafayette Young.....	65 65	1319	Smith & Stites.....	80 90
1267	W. P. Large & Co.....	20 30	1320	E. H. Kellogg.....	28 00
1268	Miss Ann Weart.....	4 65	1321	Wemott, Howard & Co..	10 95
1269	S. F. Searls.....	126 11	1322	O. Marquette.....	21 79
1270	Construction account..	75 00	1323	H. A. Hurlbut & Co....	135 14
1271	Wm. Bruce.....	40 00	1324	Kemmerer & Lamb....	16 85
1272	Peter McArthur.....	2 00	1325	Robert Krause.....	68 68
1273	C. E. Benson.....	2 96	1326	M. Walker & Sons.....	6 60
1274	A. F. Bingham.....	123 98	1327	Burlington Gas-light Co	74 88
1275	A. Reynolds.....	500 00	1328	H. A. Hurlbut & Co....	63 16
1276	G. H. Hill.....	225 00	1329	T. F. Curtis.....	3 00
1277	H. G. Brainerd.....	150 00	1330	J. W. Lamb.....	5 78
1278	Noyes Appelman.....	250 00	1331	J. Wackerbarth.....	62 90
1279	Mrs. L. M. Grey.....	125 00	1332	J. E. Whittlesey.....	73 70
1280	James Young.....	55 17	1333	Hickory Grove Coal Co.	24 60
1281	G. W. Harner.....	21 66	1334	Crane Bros. Man'fg Co.	8 29
1282	Sampson George.....	3 76	1335	P. J. Karst.....	25 75
1283	John Williamson.....	7 15	1336	Fred Adey.....	26 44
1284	Mrs. M. J. Hickey.....	3 67	1337	J. L. Mott Iron Works..	15 65
1285	M. A. Benson.....	54 16	1338	Novelty Iron Works....	1 50
1286	Roger McGill.....	4 75	1339	C. C. Cadwell.....	75
1287	Mrs. A. B. Eaton.....	20 31	1340	W. M. Young.....	62 52
1288	James Hickey.....	11 66	1341	Crane Bros. Man'fg Co.	22 78
1289	James Hickey.....	127 00	1342	Crane Bros. Man'fg Co.	78 35
1290	Henry Cook.....	28 61	1343	Thomas Shannon.....	103 50
1291	L. J. Whitney.....	43 14	1344	Williams & Son.....	18 45
1292	J. W. Russell.....	2 00	1345	George Sauerbier.....	20 00
1293	Frank Megou.....	1 70	1346	Smith & Stites.....	74 79
1294	R. R. Plane & Co.....	6 51	1347	M. Reitler.....	341 00
1295	Fisher Bros.....	61 81	1348	Post & Sweet.....	247 43
1296	Kenyon & Tabor.....	80 31	1349	Post & Sweet.....	2 40
1297	Kenyon & Tabor.....	63 09	1350	E. B. Backus & Co.....	61 11
1298	Smale Bros.....	21 63	1351	R. R. Plane & Co.....	9 12
1299	W. M. Young.....	12 52	1352	John Wiley.....	25 04
1300	Smale Bros.....	92 37	1353	James Young.....	6 40
1301	J. Evers & Son.....	1 50	1354	G. W. Harner.....	9 22
1302	Palmer, Winall & Co....	19 25	1355	Samuel Hulett.....	14 06
1303	Ham & Carver.....	9 75	1356	Wm. Toman, P. M.	61 70
1304	Farley & Wolcott.....	12 57	1357	W. F. Curtis.....	77 32
1305	Stuart & Douglas.....	14 75	1358	Conrad Reid.....	55 50
1306	Henry R. Worthington..	50 20	1359	J. C. Rich.....	241 57
1307	Hanson & Linehan....	71 25	1360	Geo. W. Watkins.....	71
1308	Clark & Loveday.....	17 25	1361	Samuel Hulett.....	2 55
1309	Chas. Larrabee.....	5 00	1362	Independence M'fg Co.	42 85
1310	John A. Phillips.....	8 17	1363	F. B. Bonniwell.....	116 96
1311	Henry W. King & Co..	7 75	1364	W. T. Dale.....	8 25

LIST OF VOUCHERS—CONTINUED.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
1365	August Myers.....	\$ 30 00	1390	Peter McArthur	\$ 9 79
1366	S. Waggoner.....	18 72	1391	Clark & Loveday.....	44 00
1367	John Barnett.....	10 50	1392	B., C. R. & N. R. R. Co..	682 35
1368	W. E. Kellogg	40 79	1393	J. W. Russell	10 50
1369	C. R. Wallace.....	53 58	1394	E. Miller	2 00
1370	A. H. Frank.....	1 65	1395	John T. Hancock & Sons	92 66
1371	Independence Mills Co.	819 74	1396	Clark & Loveday.....	13 25
1372	A. Hathaway.....	2 80	1397	W. P. Large & Co.....	241 53
1373	A. Hathaway	19 66	1398	Field, Leiter & Co.....	109 72
1374	A. B. Eaton.....	13 19	1399	Field, Leiter & Co.....	18 33
1375	H. McLernan.....	31 70	1400	Field, Leiter & Co.....	236 37
1376	Shaver & Dows.....	6 17	1401	Field, Leiter & Co.....	4 34
1377	— Lobdell	1 50	1402	Ill. Cent. R. R. Co.	142 16
1378	Clark & Webber.....	13 30	1403	Kenyon & Tabor.....	24 10
1379	M. J. Baker.....	496 61	1404	John Wengert	22 25
1380	A. B. Clarke.....	9 43	1405	G. H. Robinson	30 55
1381	A. H. Fonda	5 05	1406	E. I. Foster & Co.....	117 60
1382	Smith & Stites.....	5 00	1407	P. O. Shea.....	16 80
1383	Whait & Co.....	3 80	1408	American Express Co..	3 55
1384	Wm. Marshall.....	1106 98	1409	Rock Island Glass Co..	10 58
1385	A. Reynolds	183 73	1410	Winnegar & Manning..	2 50
1386	M. Reitter.....	73 35	1411	B., C. R. & N. R. R. Co..	31 50
1387	Wm. Toman.....	22 75	1412	W. G. Donnan.....	80 12
1388	Z. Stout	97 27	1413	Field, Leiter & Co.....	118 86
1389	Mrs. M. J. Hickey	1 32	1414	Pay roll.....	4513 12
			Total		\$ 129,771 53

LIST OF VOUCHERS DRAWN ON CONTINGENT.

Number.	NAME.	Amount.	Number.	NAME.	Amount.
1	July pay roll.....	\$ 51 92	4	F. A. Gregory	\$ 200 00
2	Brick for repairing flues.	70 00	5	J. A. Phillips.....	395 00
3	Jerry Boland.....	96 00			
			Total		\$ 812 92

TREASURER'S REPORT.

TREASURER'S OFFICE,
INDEPENDENCE, IOWA, Sept. 30, 1879.

To the Board of Trustees of the Iowa Hospital for the Insane at Independence:

CURRENT EXPENSE FUND FROM OCT. 1, 1877, TO OCT. 1, 1878.

Balance on hand Oct. 1, 1877.....	\$ 2,575.92	
Receipts to Oct. 1, 1878—From State Treasurer.....	48,500.00	
From Steward.....	1,237.37	
From interest on State.....		
Warrants, less exchange.....	54.80	
		\$52,368.09
By payment to Oct. 1, 1878.....		45,972.48
Balance on hand Oct. 1, 1878.....		\$6,395.61

CURRENT EXPENSE FUND FROM OCT. 1, 1878, TO OCT. 1, 1879.

Balance on hand Oct. 1, 1878.....	\$ 6,395.61	
Receipts to Oct. 1, 1879—From State Treasurer.....	70,664.01	
From Steward.....	2,879.03	
From interest on warrants....	125.28	
		\$80,063.93
By payment to Oct 1, 1879.....		66,556.63
Balance on hand Oct. 1, 1879.....		\$13,507.30

CONTINGENT EXPENSE FUND FROM OCT. 1, 1877, TO OCT. 1, 1879.

Balance on hand Oct. 1, 1877.....	\$	
Received from State Treasurer Oct. 22, 1878.....	417.92	
Received from State Treasurer July 15, 1879.....	395.00	
		\$812.92
By payment Dec. 2, 1878.....	\$417.92	
By payment July 19, 1879.....	395.00	
		812.92
Balance on hand Oct. 1, 1879.....		

Respectfully submitted,

W. G. DONNAN,
Treasurer.